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Oil, Paint and Drug Reporter

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Volume 130 OCTOBER 5, 1936 Number 14

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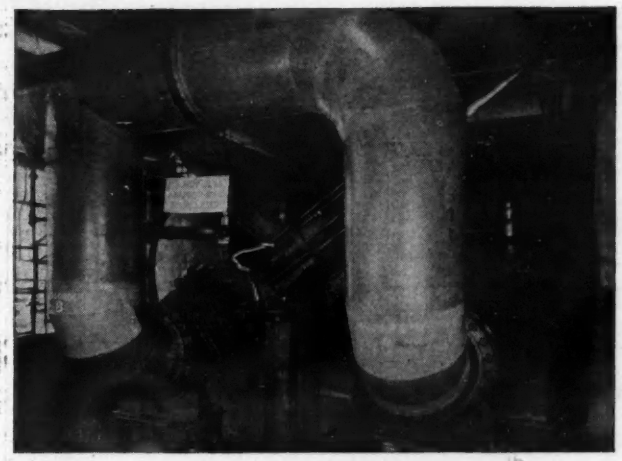
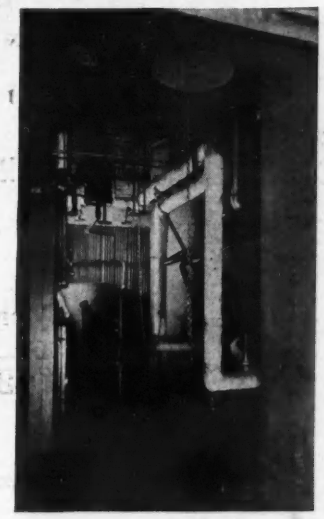


This typical plant, installed on 4th floor of factory, handles vapor-laden air at the rate of 12,000 c.f.m., can recover 3,600 gallons of solvent a day (over 95% of total used), at an operating cost of less than 2c per gallon. This low cost is due to automatic operation and control.



This unit, built in an unused elevator shaft, handles air at the rate of 3,000 c.f.m., and recovers 220 gallons of solvent a day (over 90% of total used), at an operating cost of 4c per gallon. A small, compact, manually-operated plant that shows a good profit.

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PRODUCERS OF SYNTHETIC ORGANIC CHEMICALS

Oil, Paint and Drug Reporter

Founded 1871 by William O. Allison

Volume 130 OCTOBER 5, 1936 Number 14

N.W.D.A. Urges Conformity With Spirit of Patman Act

Legislation Effective Against Unfair Trade Practices Advocated—Stabilization Efforts to Be Pushed—Lanigan Is President

WHITE SULPHUR SPRINGS, Oct. 1, 1936.

Commendation of the purpose of the Robinson-Patman amendment to the Clayton act was voted by the National Wholesale Druggists' Association in its sixty-second regular meeting here today. The association also formally urged its members to do their utmost to conform with the spirit of the act and to effectuate its purpose.

By endorsement of recommendations of officers and committees, following approval by the board of control, the convention went on record in favor of legislation that would enable the Federal Trade Commission to give strong effect to trade practice rules for the elimination of unfair business practices, pledged cooperative support for the commission toward making the rules for the wholesale drug trade fully effective, and set out to work for the enactment of a Federal enabling act to strengthen State fair trade laws.

Vigorous advocacy of means of stabilizing the drug business in prices and in efficient distribution was expressed by the convention, and plans were laid for carrying forward the work of providing factual data on distributive methods for the guidance of manufacturers in search of economical and adequate means of distributing their goods.

The association reiterated its endorsement of Federal food and drug legislation that would safeguard the health and welfare of the public. It voiced again its opposition to revision of the drug law that would set up arbitrary bureaucracy, and expressed its opinion that the control of advertising should be left in the hands of the Federal Trade Commission.

Maintenance of the Bureau of Narcotics as a separate and distinct unit in the Federal government was again favored. The sentiment was vigorously expressed that State drug laws and others which are correlated to Federal laws should follow the latter as closely as possible, and the requiring of State registration or licensing under drug laws was opposed.

Discussion of the consignment and del credere factor methods of distribution brought endorsement of an endeavor to provide a standard contract form, but final action was referred to the board of control with respect to a means of identifying on invoices goods handled under these methods.

Photo by Blank-Stoller

W. J. Schieffelin
N.W.D.A. Presiding Officer

Statistical Data Advocated

Plans were laid for co-operation with the Bureau of Foreign and Domestic Commerce in the dissemination of statistical data in monthly reports on the status of the wholesale drug trade. The members were urged to join further in the compilation of data on credits and collections. They were also advised to study carefully developments in the fields of labor and to strive for full cultivation of mutual understanding and co-operation in their relations with their employees.

Study of the advantages of mutual fire insurance was advised, and careful consideration with a view to full assurance of the adequacy of products liability insurance.

In the further development of co-operation with manufacturers it was urged that care be taken to preserve the right of the wholesaler to free choice of the goods he would handle. It was also emphasized that only informative data, and not recommendations, were presented to manufacturers in connection with the latters' selection of methods of distribution.

(Continued on page 50)

Philippine Oil Process Tax in Supreme Court

WASHINGTON, Sept. 28, 1936.

In an appeal filed by Haskins Brothers & Co., soap manufacturer, Omaha, Nebr., the Supreme Court of the United States was asked to pass on the validity of the processing tax of 3 cents per pound on Philippine coconut oil.

The appeal is from the action of the Federal district and circuit courts in the District of Columbia in dismissing the company's suit on the ground that it was a suit against the United States without its consent and that the company had adequate remedy at law. The suit challenges the constitutionality of section 602½ (a) of the revenue act of 1924 imposing the tax and also sections 501 to 506 inclusive of title III of the revenue act of 1926, the so-called tax on unjust enrichment. The appeal claims that final determination is necessary to fix the ownership of more than $33,000,000 of taxes collected which Congress directed be turned over to the government of the Philippine Islands, and also because Federal district courts have made conflicting rulings as to the constitutionality of this tax.

The company claims that the law is unconstitutional because the tax is excessive, because it is for the support of the Philippine Government rather than the United States Government, because it is a miniature agricultural adjustment act, and for other reasons. Even if the company had an adequate remedy at law at the time it sought to enjoin collection of the tax, it is contended that the 1936 revenue act removed this remedy.

Patman Act Charges By F.T.C. Hit Four

Three Manufacturers Alleged to Have Discriminated in Prices — Mail-Order House Got Favors

WASHINGTON, Oct. 2, 1936.

First complaints under the Robinson-Patman act were issued by the Federal Trade Commission today against two cheese manufacturers, a linoleum company, and a mail-order house.

The respondents are the Kraft-Phenix Cheese Corporation, Chicago; the Shefford Cheese Company, Syracuse; Bird & Son, Inc., and a subsidiary, the Bird Floor Covering Sales Corporation, East Walpole, Mass.; and Montgomery Ward & Co., Chicago.

The mail-order house is charged with knowingly receiving, and the other concerns with giving, discriminatory prices under contracts instituted or continued since enactment of the law, in violation of section 2 (a).

These may be considered test cases and indicate the type of discriminations the commission considers most serious.

The complaint against the Kraft-Phenix Cheese Corporation charges that respondent with discriminating in price between different purchasers of its products, with the effect of lessening and injuring competition between it and other manufacturers and distributors of similar products, and also with the effect of lessening competition between customers, some of whom receive favored prices.

The price-discriminations are alleged to have been instituted August 29, 1936, and are said to consist of an allowance of a specified discount for purchases in differing quantities of loaf cheese in 5-pound boxes; of an allowance of a 5-percent discount on all purchases amounting to $5 or more in which one delivery is required of package cheese and salad products, and the allowance of a 5-percent discount to all group purchasers of such products, contracting for $100 worth or more weekly, where store delivery is made and only one billing is required.

It is charged that the effect of this system of alleged price-discrimination is, among other things, to enable some purchasers of the respondent's products to purchase such commodities at a lower price than that at which competing purchasers can buy the same products, solely because of the variation of volume of resale trade in such products by the different purchasers. The complaint charges that the effect of the system of alleged discriminatory prices may be to substantially lessen competition in the sale and distribution of cheese between the Kraft company and other manufacturers of similar products, and also between purchasers.

No allegation is made in the complaint of bad faith or any subterfuge or secrecy on the part of the respondent in connection with its price policy.

The allegations in the complaint against the Shefford Cheese Company are substantially the same as those in the Kraft-Phenix case, except for the differences in price allowances. One exception is that the Shefford company, in the sale of package cheese, grants an allowance of 15 percent discount on all purchases of such products in a volume in excess of $100 a week.

In the third complaint the floor covering companies are charged with selling floor coverings to Montgomery Ward & Co. at substantially lower prices than the same articles are sold to competing retailers, and it alleges that Montgomery Ward & Co., knowingly received the discrimination in price.

Closing Market Developments

London Closing Cable

LONDON, October 2, 1936.

Quicksilver in secondhands was quoted at £12 15s. to £13 5s. per flask. First hands failed to quote.

Japanese Fish Meal Off

Japanese sardine meal was quoted at $42.50 per ton, Friday. This quotation was for No. 1 grade, for shipment from abroad, c.i.f. ports and was 50c. off from earlier quotations.

Bone Products Higher

Domestic raw bone sold late in the week at $31 per ton, c.i.f. port, an advance of 50c. per ton. Precipitated bone phosphate was advanced to 69c. per unit, an increase of 3c. Bone products are strong throughout and supplies are light.

Vermilion Prices Raised

Quicksilver vermilion quotations advanced sharply. Holders of stocks quoted $1.75 per pound for 500-pound lots, $1.78 for 100-pounds and up to $1.85 for smaller quantities. These prices were 10c. per pound higher than previously.

Chinawood Oil Steady

Chinawood oil was steady late last week in the absence of any further change of consequence in prices abroad. Local quotations were about stationary. There was a fair inquiry for both old and new crop oil.

Antimony Metal Higher

Price for domestic antimony metal was fractionally higher at 12¼c. per pound.

Soda Stannate Lower

Prices for soda stannate were lower at 30c. to 33c. per pound. The lower price schedule reflected the reduction in Straits tin to 45.45c. per pound. Prices for tin crystals were unchanged at 35c. to 35½c. per pound.

Trade News Briefs

Plymouth Oil Company has named the Guaranty Trust Company of New York as co-registrar in New York for 1,050,000 shares of the company's common capital stock.

Albert R. Klein has resigned as vice-president and treasurer of the Midwest Oil Company, Salt Creek Producers Association, and associated concerns, but retains his office as director.

Warner-Quinlan Company's reorganization hearing has been adjourned until October 28 on request of counsel for the trustees and creditors to allow time for the presentation of a complete financial report by the trustees.

Independent Petroleum Federation is a newly formed British organization designed to reach an agreement with so-called "combine" petroleum interests for the allocation of markets in return for an increase in prices.

J. N. Huber Corporation, with a carbon black plant in the Lance Creek field, Wyoming, brought in an oil well August 26 for the MacKinnie Oil & Drilling Company in that field, making 2,000 barrels of oil and more than 1,000,000 cubic feet of gas daily.

Herbert M. Clay, secretary of the Kentucky Petroleum Marketers' Association, reported September 10 that fifty-seven counties in the State had been organized to aid in sponsoring legislation and taxation acceptable to oil companies and consumers.

R. J. Moore, of the Bakelite Corporation, addressed the wood industries division of the American Society of Mechanical Engineers, September 18, on "The Contribution of Synthetic Resins to Wood Protection." H. B. Carpenter, of the Standard Oil Company of New Jersey, was chairman of the meeting.

Lautaro Nitrate Company's plan of reorganization has been approved by the American and British bondholders and stockholders at meetings held simultaneously here and in London. The plan is expected to be approved by the High Court of Justice of England before the end of the year.

Holly Oil Company has elected the following:—President, C. A. Johnson, president of the Holly Development Company, succeeding Wiley Blair, jr.; vice-presidents, L. G. Carleton and G. W. Repetti; secretary-treasurer, W. M. Trant. Messrs. Blair, Carlston, Repetti, Johnson, and E. P. Shove, were named directors.

J. C. Hilton has resigned as president of the Standard Oil Company of Louisiana to become a vice-president of the Standard Oil Company of New Jersey, the operating company. He will be succeeded by M. J. Rathbone, jr., vice-president and general manager of the Standard of Louisiana. Both changes were effective October 1.

Bradford Preston Millar, of the General Chemical Company, and Miss Doris Christine Markham, daughter of Mr. and Mrs. Leonard Markham, Irvington, were married September 26 in the Church of St. James, Newark, N. J. Robert Visscher Millar was best man for his brother, and the ushers were Robert J. Milano, of the Millmaster Chemical Company, and John T. Masterson, of the General Chemical Company.

Chemical Price Average Raised

A distinct upward movement of prices was relatively wide in the markets for heavy and fine chemicals. It was especially strong in the fertilizer and paint materials divisions. The general average was raised to the level of a year ago. Increased activity was widely noticeable in response to developments in major consuming industries. The movement of coaltar chemicals was heavier; supplies of practically all bases were small.

Price advances affected technical zinc oxide, quicksilver, potash fertilizer salts, nitrate of soda, specially denatured alcohol No. 1, denaturing grade methanol, glycerin, chrome yellow, German barytes, and some Batu and Pontianak copals. On the reductions side were silicofluoride of soda, domestic casein, brucine, domestic tankage, imported bone and bonemeal, Japanese sardine meal, imported nitrogenous fertilizer material, and domestic tankage.

The REPORTER'S composite index number of prices for heavy and fine chemicals rose to 125.7 (compared with August 1, 1914, as 100). In comparison with average prices in 1926 (as 100), the REPORTER'S index number is now 89.0, the same as it was a year ago.

Obituaries

William Horlick

William Horlick, president and founder of the Horlick's Malted Milk Corporation, Racine, Wis., died September 25 in his home in that city. He was ninety years of age.

Mr. Horlick was born in Gloucestershire, England, the son of James and Priscilla Horlick. He received his education in England. In 1869 he came to the United States, and a few years later became a naturalized citizen. He was married to Araballe R. Horlick on November 16, 1870.

Mr. Horlich began manufacturing food products in 1873 at Chicago in company with his brother James. The business was moved to Racine in 1875, where there was built a small frame factory building. This building still stands. Mr. Horlick originated a process for the manufacture of malted milk, and it was in this building that the foundations were laid for a business which finally became one of the city's outstanding and most stable industries. Located in the heart of the Wisconsin dairy country, the business was assured of ample supplies of raw materials at all times. In order to serve his native land, Mr. Horlick erected a branch factory in Slough, near Windsor, where there exists today a large and modern plant for the manufacture of the company's malted food products. From the inception of the Horlick malted milk industry until the time of his death, Mr. Horlick was its active head. His benefactions were numerous and indicative of the catholicity of his social interests. He was a life member and supporter of St. Luke's Episcopal Church, which he served as warden for many years. His benefactions included the Alice Horlick Memorial Hospital and the Alice Horlick Maternity Hospital, two units of St Luke's Hospital in Racine; the Horlick Rectory, an addition to the Western Theological Seminary at Evanston, Ill. the Y. M. C. A. of Racine; eleven acres as a site for the William Horlick High School, and six acres to provide an athletic field for the school; the monument and large lot in Graceland Cemetery which he presented to the American Legion, Racine Post, No. 76; and various gifts to St. Mary's Hospital and other Racine institutions. Furthermore, he gave generously to the fund which helped build the Memorial Building and it was his original gift to the Racine Park System of Island Park and assistance in securing Washington Park for the public that made the Racine park system possible.

William Horlick

Mr. Horlick's interest in boys led to his appointment as honorary vice-president of the Racine Council of the Boy Scouts of America, to which body he gave a library room and staff headquarters for scout leaders. Recently he gave the Horlick's Athletic Field to the city. He was the first honorary life member of the Order of Sons of St. George, and was a member of the Union League Clubs of New York, Chicago, and Milwaukee. He gave liberally to Norwegian polar exploration parties, particularly those of Capt. Roald Amundsen, the scientific expeditions of Dr. Carl Lumholtz, and the Antartic expedition of Admiral Byrd, of whom he was a close personal friend.

Surviving are his wife, two sons, A.

(Continued on page 32)

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Robinson-Patman Act at N.P.V.L.A. Convention

The Robinson-Patman Act and its effect on the paint wholesaler will be the subject of special presentation and discussion at the annual convention of the National Paint, Varnish and Lacquer Association, in the Drake hotel, Chicago, November 18 to 20. The wholesale division of the association will hold a session the morning of November 18 to discuss the act in its various ramifications.

A representative of the Department of Commerce will explain in detail how it is felt the act will affect the future of the wholesalers, and this will be followed by discussion. T. A. Flynn, divisional vice-president, wholesale division, in a call to the meeting, emphasizes the importance of the act to all paint wholesalers and urges them, whether members of the association or not, to attend the meeting. In his letter to the wholesalers he calls the act a two-edged sword. "Applied in one way," he says, "it can strengthen materially the position of a wholesaler—applied in another way it can cause his complete elimination. If you operate one or more retail stores, you have a very definite problem as to what price merchandise can be billed to these stores."

Ernest T. Trigg, president of the association, in a current message to members, reminds the industry that while the various business meetings will deal with important problems both present and imminent, they will be leavened by attractive entertainment features which are being planned by the committee on arrangements and entertainment. Already advance reservations have filled the Drake hotel, and the Knickerbocker hotel, just across the street has been requisitioned to take care of the swelling tide of reservations.

Byproduct Sulphuric Acid Output Increased in 1935

The output of byproduct sulphuric acid at copper and zinc plants in 1935, in terms of 60-degree Baume acid, amounted to 603,627 short tons, of which 160,151 tons were produced at copper plants and 443,476 tons at zinc plants. The acid reported is exclusive of that made from pyrites concentrates in Montana and Tennessee. At zinc plants 23,570 tons of sulphur were used to supplement the gases derived from the roasting of zinc blende, and 90,884 tons of sulphuric acid were produced therefrom. No sulphur was used at copper plants.

In 1934, 575,660 tons of byproduct sulphuric acid were produced. Of this amount 168,676 tons were recovered at copper plants and 406,984 tons at zinc plants. Sulphur amounting to 23,424 tons was used at zinc plants for the recovery of 89,162 tons of sulphuric acid.

U. S. Revenue: August

Collection of excise taxes by the Bureau of Internal Revenue, Washington, for August, 1936, compared with August, 1935, as follows:—

Taxes Collected

	August 1936.	August 1935.
Distilled spirits, domestic, excise tax $2 per gallon	$15,718,759.77	$12,573,002.44
Distilled spirits, imported, excise tax $2 per gallon	2,760,765.05	900,603.02
Distilled spirits, rectification tax, 30c. per gallon..	580,922.38	415,416.57
Gasoline	22,552,321.67	20,477,876.89
Lubricating oils...	3,404,410.62	2,844,294.94
Matches	756,397.44	532,586.53
Narcotics, including special taxes	29,611.36	22,556.15
Oleomargarin, excise taxes.....	83,138.33	67,552.45
Oleomargarin, special taxes.....	130,245.76	139,966.63
Toilet preparations, etc.—		
At 5 percent....	506,132.12	368,896.02
At 10 percent...	1,248,125.63	871,517.91
Transportation of oil by pipeline..	958,962.03	1,040,370.70
Total internal revenue	$254,026,235.64	$216,817,955.62

Quantities Taxed

	August 1936.	August 1935.
Distilled spirits, domestic, tax gallons.....	7,829,456	6,282,499
Distilled spirits, imported, tax gallons.....	1,384,882	480,346
Distilled spirits, rectified, proof gallons.....	1,986,408	1,384,722
Oleomargarin, colored, pounds	36,558	21,220
Oleomargarin, uncolored, pounds	31,768,812	26,171,900

Cleveland Paint, Varnish and Lacquer Association has elected J. A. Gehring president, and R. L. Hutcheon, vice-president.

The Robinson-Patman Act A Means to An End

By James F. Hoge, of Rogers, Ramsay & Hoge, Attorneys, New York

Address before the National Wholesale Druggists' Association, White Sulphur Springs, W. Va., September 29, 1936

This statement is a matter of opinion, representing the best judgment of the writer, at this time. It is intended to be general in scope and not to be acted upon without strict and careful application to all the facts in particular cases. That should be done by one's own counsel.

Like any other important legislation, this law is of considerably more significance than its technical composition. It is a means to an end—or, perhaps, to several ends, some of them unwitting. Every such law has a past, a present, and a future—an ancestry, a lifespan, and a progeny.

Just so, the Robinson-Patman act, as a means to an end, may not be accounted for fully without regard to the background, the technical composition, and the effects which may follow upon it. The end for which it was conceived is the suppression of unjustifiable price discrimination.

Whether it efficiently serves as a means to that end, or whether it becomes a means to ends other than the one for which it was conceived, such as throttling competition, disorganizing basic systems of distribution, and raising up new ones, depends upon the way it is construed by the courts, upon the attitude of the business world toward it, and upon amendment, or replacement, of it by legislation more comprehensible in technical composition and administrative application.

The influence of a law is not to be measured only by exceptional applications or violations, or by court decisions, or by the precise fate of the statute as such. Laws are written with intent. The intent is gathered out of the currents and conflicts which first gave rise to the impulse, or emotion, later translated into movement.

A law's influence is also measured by the adjustments in business policy which are voluntarily set in motion. Innumerable changes in behavior in the business world have already resulted. More will follow. And, many of them will result more from the intent than the phraseology of the act.

It will not do to disregard this law on the assumption that, because of legal defects and practical difficulties, it cannot be enforced. The failure of this particular law would not remove the basic problems to which it is addressed. Those problems are of the web of our economic evolution and, until solved, remain to tantalize us with legislative experimentation. Just so, this act tantalizes us in its bewildering legal aspects. But, it brings up over the horizon clearer and broader economic implications.

There is responsibility upon all business to see that this law, through sensible construction or sound amendment of it, becomes the means to the end for which it was conceived, and not the means to other ends—to ends which would be unjust, if not disastrous. The only way to appraise the likelihood of this statute serving faithfully as a means to its proper end is to analyze it candidly and impartially.

The Means

Section 1, with its subsections (a) to (f), is an amendment of section 2 of the Clayton Act. Section 3 is not an amendment of any act. It was proposed in the Borah-Van Nuys bill as an amendment of section 2 of the Clayton act. But, it did not come out that way. Courts may construe it to be such an amendment, but that is speculative.

Section 4 applies to sections 1 and 3, and preserves the right of cooperative associations to return their earnings to their members. Section 2 is technical and need not be considered here.

The act is designed to overcome limitations in the original section 2 of the Clayton act, to extend it, and to revitalize it. It purports to accomplish that as follows:

Injury to Competition

It extends the definitions of injury to competition. Under old Section 2, discrimination was not unlawful unless it affected, in a general and substantial way, competition in a whole line of commerce.

The new law broadens that to apply to injurious effect upon competition respecting the whole line or any individual in the line. To determine whether a discrimination is unlawful, one must now determine whether the effect of it may injure, destroy, or prevent competition with himself, or with the buyer who knowingly receives the benefit of it, or with customers of himself or of the buyer.

Grade and Quality Differences

It prohibits discrimination in price between different purchasers of commodities of like grade and quality. The act does not say "identical" grade and quality. It says "like." Old section 2 contained a proviso that the section should not prevent discrimination "on account" of differences in the grade, quality, or quantity of the commodity sold. There is considerable difference in providing, on the one hand, that the laws shall not prevent discrimination between purchasers on account of differences in the grade or quality, and, on the other hand, that it shall be unlawful to discriminate between purchasers of commodities of like grade and quality.

For instance, sales of a drug to the trade under one brand at one price and to a mail-order house under another brand at a lower price cannot successfully be defended on the ground of quality difference. And, manufacturers who imitate their own brands and sell them at different prices will be guilty of discrimination if the imitations are of like grade and quality.

A strict application of this provision would change the complexion of merchandising under trademarks. It is not always true that the trademarked goods are superior in grade and quality to unmarked goods, and yet usually they are sold at higher prices.

Goods of like grade and quality are often put up by one seller under different brands or labels and sold at different prices. Some manufacturers make up private brand merchandise. They manufacture for other manufacturers. They manufacture for wholesalers. They manufacture for retailers. Sometimes they put up identically the same goods. Often they put up goods of like grade and quality. The goods are labeled or branded as the customers specify or delivered to the customers for branding or labeling by them.

If the manufacturer differentiates in price between such customers and the difference is not justified under other provisions of this law, the manufacturer will be liable.

Some manufacturers sell the same goods, or those of like grade or quality, branded and unbranded. The price for the branded is higher. It may be contended that that difference is justified by the expenditures for advertising in popularizing the trademarks and the differing methods in which the marked commodities are sold.

This, however, may be wishful thinking because the difference in price is usually greater than the advertising cost and the act, in referring to discriminations justified on the basis of differing methods, uses the words, "in which such commodities are to such customers sold or delivered." Advertising to popularize a trademark is directed to creating consumer demand and is related primarily to the sale of goods to the consumer. The act contemplates, in this connection, the sale to the distributor or dealer.

How far this will be carried under the enforcement of the law is at this time entirely speculative. But it is prudent to assume that it will be carried far enough to attack the masquerading of substantially the same goods under different brands for the purpose of varying the price.

(To be continued)

Frederick W. Pickard, a vice-president of E. I. du Pont de Nemours & Co., Wilmington, has given a field house and locker room to Bowdoin College, Brunswick, Me. Recently he donated an athletic field to the college, of which he is an alumnus and trustee.

Lead Pigments Use Is Restricted by Germany

A decree issued by the German government effective October 1, specifies that all red and white lead as well as white lead sulphate used as paint pigment in Germany will have to contain 20 percent non-lead material. Some time ago the use of lead pigments was forbidden in paints for wood and interior surfaces not exposed to weather, but the new decree now has been extended to red lead for painting railings, fencings, gratings, stationary refuse containers, garden furniture and signs of all kinds, as well as iron and steel construction parts laid in the ground or encased in concrete, and no red lead, even if containing 20 percent non-lead material, may be used for these purposes. However, all lead pigments and paint containing the pigments for export are expressly exempted from the consumption restriction and prohibition decree.

The purpose of the new decree is to spread national supplies of lead metal, having in view the insufficient domestic lead production and the necessity for importing lead on a large scale for meeting total consumption. The prevailing high price of lead upon the world market, involving especially heavy drains upon Germany's foreign exchange resources, was considered an important contributory factor intensifying the desire of the government to reduce national lead consumption.

Baltimore P. V. L. A. Re-elects C. B. Athey

The Baltimore Paint, Varnish and Lacquer Association, at its annual meeting September 18, the first gathering since the Summer recess, elected the following officers:—C. Burch Athey, of the C. M. Athey Paint Company (re-elected); vice-president, William McGill, representing various raw material companies; secretary, Arthur L. Franklin, of the Pittsburgh Plate Glass Company; treasurer, Alfred S. Day, of the Spencer Kellogg & Sons Sales Corporation. Executive committee:—the above officers and H. Braith Davis, of the H. B. Davis Paint Company; Leon S. Hanline, of Hanline Brothers; Herman H. Shuger, of the Baltimore Paint & Color Works; W. R. Clayton; Lloyd L. Stegner, of the Sherwin-Williams Company, and Samuel A. Saltsman.

Delegates to the convention of the National Paint, Varnish and Lacquer Association, in Chicago, were chosen as follows:—Morton M. Goldsmith, of the Hirshberg Paint Company; Herman H. Shuger, William McGill; alternates, H. Braith Davis, C. Burch Athey, and Leon S. Hanline.

President Athey, following the dinner, expressed his appreciation of the support and cooperation given him during the last year by the members and the various committees. He called attention to the fact that community fund time was upon the city and added that it was his desire that the association do its full part when the campaign opens this month. He named the following committee to handle the fund activities:—H. Braith Davis, chairman; Herman H. Shuger and W. R. Clayton.

Paint Jobs in Chicago Drive Total 667,018

A report of the results in Chicago's 1936 Clean Up-Paint Up-Plant Up-Light Up Campaign, which has been forwarded to the National Clean Up and Paint Up Campaign Bureau in Washington, shows an unprecedented total of 6,278,784 individual jobs in beautifying local neighborhoods in the city.

All previous activities by Chicago youngsters in this movement were easily surpassed this year as the students of 37 public high schools and 402 grade and parochial schools recorded a gain of more than 30 percent in their actual clean up and paint up accomplishments. In 1935 they turned in 4,944,376 tasks.

Paint and varnish jobs totaled 667,014. Of this number 297,747 were outside jobs and 369,271 were classified as inside jobs.

L. J. Venuto, of the Binney & Smith Company, was the guest speaker at the September meeting of the Philadelphia Paint and Varnish Production Club, and gave an instructive talk on the manufacture and use of carbon black pigments in the protective coating industry.

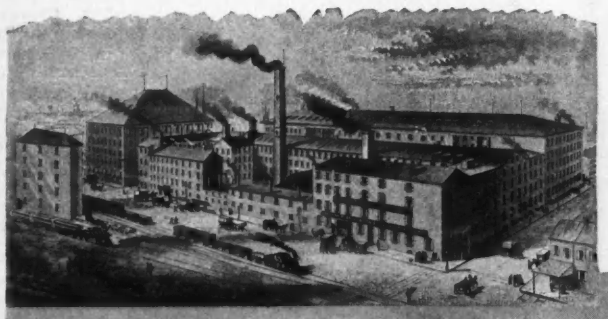
A Guaranty of MERCK Purity & Reliability

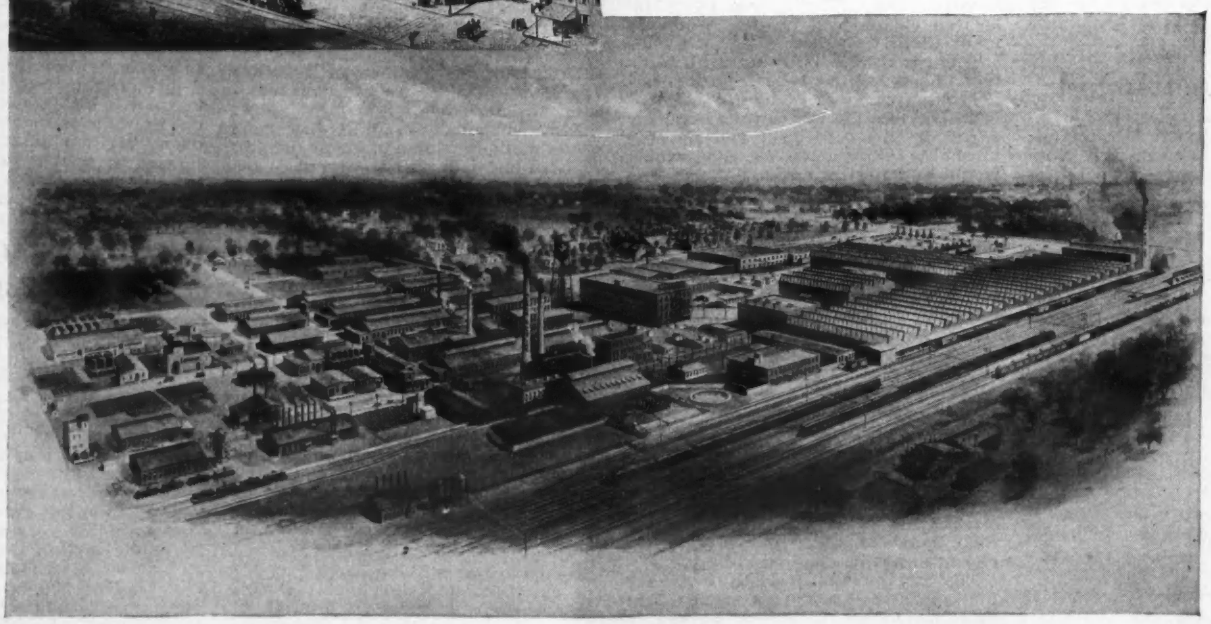
Merck Quinine Sulfate

One hundred and fourteen years ago the firm of Powers & Weightman, later merged with Merck & Co., began the manufacture of Quinine Sulfate. Ever since that time an increasing number of pharmaceutical manufacturers have standardized on the first "Made in America" quinine, and today Merck Quinine Sulfate U. S. P. is a leader in the field.

This preference of the Merck brand by discriminating customers is due to the uniform purity and efficacy of the product; and these two important factors are the result of long manufacturing experience and rigid laboratory control.

Merck Quinine Sulfate is available in several different densities, all standardized, for capsulating. In accordance with the interpretation of the Pure Food and Drugs Act, the improved U. S. P. XI product will be supplied on all unspecified orders. The U. S. P. X product, regular and bulky, is available on specification. Write us regarding your manufacturing problems and requirements.





MERCK & CO. Inc. **Manufacturing Chemists** **RAHWAY, New Jersey**

NEW YORK PHILADELPHIA ST. LOUIS ★ In Canada: Merck & Co. Ltd. MONTREAL and TORONTO

Current Market Quotations

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)
Acetal, dms., works....lb. .75 - 1.00
Acetaldehyde, dms., works....lb. .14 - .16
Acetamide, CP, bots., kegs, 1,000 lb. min., works..lb. .43 - —
tech., kegs, 1,000 lb. min., works lb. .38 - —
Acetanilide, tech., 95%, bbls..lb. .24 Nom.
USP, bbls....lb. .26 - —
Acetin, tech., dms....lb. .22 - .28
Acetoacetanilide, dms. ....lb. .65 - .70
Acetone, CP, dms., c.l., dlvd..lb. .08 - —
l.c.l., delvd....lb. .08½- —
tanks, delvd....lb. .07 - —
Methyl (see M)
Acetophenone, bots., cns....lb. 1.25 - 2.25
Acetphenetidin, kegs....lb. 1.30 - 1.40
Acid, abietic, bbls., c.l....lb. .06¾- —
l.c.l. ....lb. .07 - —
Acetic, coml. or redist., 28% bbls. 100 lbs. 2.45 - 2.70
cbys....100 lbs. 2.95 - 3.20
56%, bbls. ....100 lbs. 4.60 - 4.85
cbys. ....100 lbs. 5.10 - 5.35
70%, bbls. ....100 lbs. 5.73 - 5.98
cbys. ....100 lbs. 6.23 - 6.48
80%, bbls. ....100 lbs. 6.53 - 6.78
cbys. ....100 lbs. 7.03 - 7.28
glacial, natl., CP., cbys.100 lbs.14.00 - —
coml. bbls. ....100 lbs. 8.43 - 8.68
cbys ....100 lbs. 8.93 - 9.18
USP., dms. ....100 lbs.10.50 - —
cbys. ....100 lbs.11.00 - —
synth., 99.5%, al. dms.100 lbs. 8.43 - 8.68
cbys. ....100 lbs. 8.93 - 9.18
USP., reagent, 99.8%, al. dms—100 lbs.10.50 - —
cbys. ....100 lbs.11.00 - —
pure, 30%, bbls....100 lbs. 3.52 - 3.77
cbys. ....100 lbs. 3.92 - 4.17
30%, bbls. ....100 lbs. 3.95 - 4.20
cbys. ....100 lbs. 4.45 - 4.70
60%, bbls. ....100 lbs. 6.03 - 6.28
cbys. ....100 lbs. 7.13 - 7.38
90%, bbls. ....100 lbs. 8.33 - 8.58
cbys. ....100 lbs. 8.83 - 9.08
Acetic acid prices are on freight allowed basis in zone 1 (East of Mississippi River). Zone 2 (Mississippi River to Rocky Mounts), $1.50 per 100 lbs. higher, Zone 3 (Pacific Coast), $1.75 per 100 lbs. higher.
Acetic, anhydride, dms., c.l..lb. .15 - —
l.c.l. ....lb. .16 - .19
Acetylsalicylic, USP, bbls., 225 lbs..lb. .58 - —
boxes, 100 lbs....lb. .59 - —
50 lbs. ....lb. .60 - —
25 lbs. ....lb. .61 - —
kegs, 100 lbs....lb. .58 - —
Anthranilic, refd., bbls....lb. .85 - .95
tech., bbls. ....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP., powd., dms., kegs...lb. .18 - —
Benzoic, tech., kegs....lb. .40 - —
USP., kegs....lb. .54 - .59
Battery, cbys....100 lbs. 1.60 - 3.50
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, delvd. ton.105.00 - —
c.l., delvd....ton.110.00 - —
l.c.l., ex whse....ton.115.00 -120.00
sks., contracts, 80 tons, delvd..ton.95.00 -. —
c.l., delvd....ton.100.00 - —
l.c.l., ex whse....ton.105.00 -110.00
powd., bbls., contracts, 80 tons, delvd..ton.110.00 - —
c.l., delvd....ton.115.00 - —
l.c.l., ex whse....ton.120.00 -125.00
sks., contracts, 80 tons, delvd..ton.100.00 - —
c.l., delvd....ton.105.00 - —
l.c.l., ex whse....ton.110.00 -125.00
USP., $25 per ton higher.
Brosnner's, bbls....lb. 1.16 - 1.21
Butyric, 95%, w.w., cbys.,works, lb. .25 - .30
edible, cbys., works....lb. 1.20 - 1.50
synthetic, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis....lb. .23 - —
tanks, same basis....lb. .21 - —
Camphoric, cans....lb. 5.50 - —
Caproic, cans....lb. 2.20 - —
Carbolic (see Phenol).
Castor oil, split, dms....lb. .17 - .17½
Chicago, bbls....lb. 2.10 - —
Chinawood oil, dms....lb. .20 - .21
Chlorosulphonic, dms....lb. .03½- .05
Chromic, 99%, dms., delvd, N.Y. lb. .14¾- .16¾
Cinnamic, refd., bots....lb. 2.85 - 3.35
Citric, cryst., bbls....lb. .26 - —
kegs ....lb. .26½- —
gran., bbls....lb. .26 - —
kegs ....lb. .26½- —
powds, bbls....lb. .26½- —
anhyd., gran., dms....lb. .29 - —
powd., dms....lb. .29½- —
Prices on citric acid are f.o.b. N. Y.; Chicago and St. Louis deliveries are ½c. higher than N. Y.
Cleve's, bbls....lb. .52 - .54
Coconut oil, white, dms....lb. .09¾- .10¼
Cottonseed oil, dms....lb. .07½- .09
Cresylic, 99%, high-boil, straw color, dms., c.l., f.o.b. seaboard, fr't. equald. E. producing points..gal. .73 - .74
l.c.l., same basis....gal. .75 - —
c.l., West fr't. equald. M.W. prod. points..gal. .74 - .75
l.c.l., same basis....gal. .76 - —
low-boil, straw color, dms., over 500 gals., frt. equald.nearest competitive prod. point...gal. .81 - —
less 500 gals., same basis, gal. .83 - —
Acid, cresylic, spec. resin grade, high-boil, dms., over 500 gals., same basis.. gal. .71 - .72
less 500 gals., same basis gal. .73 - —
imported, drums....gal. .79 - .94
Crotonic, dms., works....lb. .90 - 1.00
Diethylbarbituric (see Barbital).
Epsilon, bbls....lb. .77 - .79
Formic, dom., 90%, cbys., c.l.lb. .11 - .11¼
l.c.l. ....lb. .12 - .13
imported, cbys....lb. .11 - .12
Fumaric, bbls....lb. .60 - —
Gallic, tech., bbls....lb. .65 - .68
N.F., VI, bbls....lb. .77 - .80
Gamma, bbls....lb. .80 - .84
Gluconic, tech., 50%, bbls., 500 lbs..lb. .20 - —
H, bbls....lb. .50 - .55
Hempseed oil, dms....lb. .1180-.1225
Hydriodic, 47%, bots....lb. 2.20 - 2.25
57%, bots....lb. 2.65 - 2.70
Hydrobromic, 10%, USP,cbys.lb. .18 - .20
Hydrochloric (see Muriatic).
Hydrocyanic, cyls., works...lb. .80 - 1.30
Hydrofluoric, 30%, bbls....lb. .07 - .07½
lead, cbys....lb. .09 - .09½
48%, lead cbys....lb. .11½- .12
52%, lead cbys....lb. .12½- .13
60%, lead cbys....lb. .15 - .16¾
Hydrofluosilicic, 30-35%, bbls.lb. .10½- .15
Hypophosphorus, USP, 30%, djns..lb. .75 - —
Koch, bbls....lb. .36 - .37
Lactic, 22%, dark, bbls....lb. .04½- .05
light, refined, bbls....lb. .06½- .07
44%, dark, bbls....lb. .09½- .10
light, refined, bbls....lb. .11½- .12
USP, X, 85%, cbys....lb. .45 - .50
USP, VIII, 75%, cbys....lb. .43 - .48
Linseed oil, dark or light, dms..lb. .1290- .1330
tanks ....lb. .1230- —
extra white, dms....lb. .11 - .11¼
split, dms....lb. .07¾- .08
refined, dms....lb. .08½- .09
Laurent's, bbls....lb. .46 - .47
Maleic, powd., dms....lb. .29 - .40
anhydride, dms....lb. .32 - .43
Malic, powd., kegs....lb. .45 - .60
Mixed, tanks, nitric unit....lb. .06½- .07½
sulphuric unit....lb. .0085- .009
Monochloracetic, tech., bbls..lb. .16 - .18
99%, bbls....lb. .18 - .20
Monosulphonic, bbls....lb. 1.50 - 1.60
Muriatic, 18°, cbys, c.l., works, 100 lbs. 1.35 - —
l.c.l., 25 and over, works, 100 lbs. 1.60 - —
10 to 24, works..100 lbs. 1.75 - —
5 to 9, works..100 lbs. 1.95 - —
1 to 4, works..100 lbs. 2.90 - —
truckloads, delvd...100 lbs. 1.60 - —
tanks, works....100 lbs. 1.00 - —
20°, cbys, c.l., works..100 lbs. 1.45 - —
l.c.l., 25 and over, works, 100 lbs. 1.70 - —
10 to 24, works..100 lbs. 1.85 - —
5 to 9, works..100 lbs. 2.05 - —
1 to 4, works..100 lbs. 3.00 - —
truckloads, delvd...100 lbs. 1.70 - —
tanks, works....100 lbs. 1.10 - —
22°, cbys, c.l., works.100 lbs. 1.95 - —
l.c.l., 25 and over, works, 100 lbs. 2.20 - —
10 to 24, works..100 lbs. 2.35 - —
5 to 9, works..100 lbs. 2.55 - —
1 to 4, works..100 lbs. 3.50 - —
truckloads, delvd...100 lbs. 2.20 - —
tanks, works....100 lbs. 1.60 - —
CP, cbys....lb. .06½- .07½
6-lb. bots....lb. .08½- .13½
Naphthenic, S.V. 120-200, dms, lb. .07 - .09
210-230, dms....lb. .10 - .12
240-280, dms....lb. .11 - .14
sludges, dms....lb. .06 - .10
Neville & Winther's, bbls....lb. .85 - .87
Nitric, 36°, cbys, c.l., works, 100 lbs. 5.00 - —
l.c.l., 25 and over, works, 100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.40 - —
5 to 9, works..100 lbs. 5.60 - —
1 to 4, works..100 lbs. 6.50 - —
truckloads, delvd..100 lbs. 5.25 - —
38°, cbys, c.l., works..100 lbs. 6.50 - —
l.c.l., 25 and over, works, 100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.90 - —
5 to 9, works..100 lbs. 6.10 - —
1 to 4, works..100 lbs. 7.00 - —
truckloads, delvd...100 lbs. 5.75 - —
40°, cbys, c.l., works..100 lbs. 6.00 - —
l.c.l., 25 and over, works, 100 lbs. 6.25 - —
10 to 24, works..100 lbs. 6.40 - —
5 to 9, works..100 lbs. 6.60 - —
1 to 4, works..100 lbs. 7.50 - —
truckloads, delvd...100 lbs. 6.25 - —
42°, cbys, c.l., works..100 lbs. 6.50 - —
l.c.l., 25 and over, works, 100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.90 - —
5 to 9, works..100 lbs. 7.10 - —
1 to 4, works..100 lbs. 8.00 - —
truckloads, delvd...100 lbs. 6.75 - —
CP, cbys....lb. .11½- .12½
7-lb. bots....lb. .12½- .22½
Prices of yellow nitric acid 25c. per 100 lbs. below those above.
Oleum (see sulphuric fuming).
Oxalic, dom., bbls....lb. .11½- .12½
Palm oil, dms....lb. .0780-.0830
Para-aminobenzoic, bbls., frt. all'd..lb. 1.25 - 1.30
Peri, bbls....lb. .62 - —
Perilla oil, dms....lb. .1110-.1150
Phenylacetic, bots....lb. 2.00 - 2.25
Phosphoric, tech., 50%, cbys.lb. .06 - —
75%, cbys....lb. .09 - —
USP, 85%, s.g. 1.710, djns.lb. .14 - .15
50%, s.g. 1.347, cbys, djns., lb. .14 - —
10%, dilut., cbys, djns..lb. .07 - .07½
Acid, picramic, kgs....lb. .65 - .70
Picric, bbls., c.l....lb. .30 - —
l.c.l. ....lb. .35 - .40
Propionic, ref., cbys., work..lb. .25 - —
dms., works ....lb. .22 - —
tech., cbys., works....lb. .20 - —
dms., works ....lb. .16 - —
Pyrogallic, cryst., cns....lb. 1.55 - 1.65
resubl, cns....lb. 1.90 - 2.00
Rapeseed oil, dms....lb. .12 - .18
Ricinoleic, dms....lb. .20 - .28
Salicylic, tech., bbls....lb. .40 - —
USP, bbls....lb. .40 - .45
Sardine oil, dms....lb. .09¼- .09½
Sebacic, C.P., bbls., works..lb. .58 - —
tech., bbls., works....lb. .37 - .41
Soybean oil, dms....lb. .09¾- .10¼
Stearic, distil., double pressed, bgs., dlvd..lb. .10½- .11
single pressed, bgs., delvd.lb. .10 - .11
triple pressed, bgs., delvd.lb. .13¼- .14¼
saponif., double pressed, bgs., dlvd..lb. .10¾- .11¾
triple pressed, bgs., dlvd..lb. .13¼- .14½
Succinic, bbls....lb. .75 - —
Sulphanilic, CP, bots, works.lb. 1.60 - 1.68
tech., dms., works....lb. .18 - .19
Sulphonaphthenic, dms....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., works, 100 lbs. 1.10 - —
l.c.l., 25 and over, works, 100 lbs. 1.35 - —
10 to 24, works..100 lbs. 1.50 - —
5 to 9, works..100 lbs. 1.70 - —
1 to 4, works..100 lbs. 2.65 - —
tanks, works....ton.11.00 - —
66°, cbys., c.l., E works. 100 lbs. 1.35 - —
mid-W works....100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.60 - —
10 to 24 works..100 lbs. 1.75 - —
5 to 9, works..100 lbs. 1.95 - —
1 to 4, works..100 lbs. 2.90 - —
truckloads, delvd...100 lbs. 1.60 - —
tanks, works....ton.15.50 - —
98%, tanks, works....ton.16.50 - —
CP, cbys....lb. .06½- .07½
9-lb. bots....lb. .08½- .17½
fuming, 20%, tanks, works.ton.18.50 - —
Sunflower seed oil, dms....lb. .16 - .16¾
Tannic, tech., bbls....lb. .19 - .25
USP, fluffy, bbls....lb. .83 - .88
Tartaric, USP, dom., cryst., gran., powd., bbls....lb. .24 - —
kgs. ....lb. .24½- —
Tobias, bbls....lb. .70 - .72½
Trichloracetic, bots....lb. 2.45 - 2.50
Tungstic, CP, kgs....lb. 2.45 - 2.70
tech., kgs....lb. 1.50 - 1.60
Aconite leaves, bls....lb. .22 - .24
Root, bls....lb. .26 - .27
Aconitine, amerph., vis....oz.17.00 - —
cryst., vis....oz.30.00 - —
Adeps, lanae, anhyd., dms....lb. .17½- .19
hyd., dms. ....lb. .16 - .18
Agar Agar, 1, bls....lb. .72 - .73
2, bls....lb. .65 - .66
3, bls....lb. .55 - .56
Agaric, white, bls....lb. 3.50 - 3.75
Albumen, blood, dark, flake, bgs., c.l., Chicago..lb. .12 - —
ton lots, Chicago....lb. .13 - —
less than ton, Chicago.lb. .15 - .17
powd., bgs., c.l., Chicago.lb. .13 - —
ton lots, Chicago....lb. .15 - —
less than ton, Chicago.lb. .17 - .20
light, dom., flake, grade 1, dms., Chicago..lb. .50 - .60
2, dms., Chicago....lb. .45 - .50
import, bgs. ....lb. .50 - —
Egg, ed., dom., bbls....lb. 1.05 - —
import, cs....lb. .75 - .80
Milk, grd., sks., c.l....ton. No stocks
ungrd., sks., c.l....ton. No stocks
Vegetable ed., bbls., works..lb. .65 Nom.
Alcohol, amyl (see also Fusel oil, refd.), ex pentane, dms., c.l., dlvd..lb. .15 - —
l.c.l., dlvd. ....lb. .157 - —
tanks, dlvd. ....lb. .143 - —
secondary, dms., c.l., f.o.b. dest..lb. .09½- —
l.c.l. frt. alld....lb. .10 - —
tanks, frt. alld....lb. .08¼- —
Benzyl, bots. ....lb. .65 - 1.20
Butyl, normal, dms., c.l., frt. alld..lb. .09½- —
l.c.l., frt., alld....lb. .10 - —
tanks, frt. alld....lb. .08½- —
secondary, dms., c.l., f.o.b. dest..lb. .08¼- —
l.c.l., f.o.b. dest....lb. .09 - —
tanks, f.o.b. dest....lb. .07½- —
tertiary, denating, dms., frt. alld..lb. .14 - —
Capyrl, pure, dms., works...lb. 2.50 - —
tech., dms., works....lb. .95 - —
Cetyl, dom., C.P., fiber, otns, 1,000 lbs..lb. 1.50 - —
500 lbs. ....lb. 1.70 - —
100 lbs....lb. 1.80 - —
25 lbs. ....lb. 1.90 - —
5 lbs....lb. 2.00 - —
com'l, dms. ....lb. .95 - —
import., 85%, dms., 100 lbs.lb. .55 - —
5 to 10 lbs....lb. .75 - —
com'l, dms., 350 lbs....lb. .40 - —
Cinnamic, bots....lb. 2.50 - 3.50
Denatured, CD11, 12, 13, dms. c.l. dlvd. E..gal. .34 - —
dms. l.c.l., E....gal. .40 - —
Prices for territories other than E. of Rockies, 5c. per gal. higher. Tankcar sales require written authorization by Alcohol Tax Unit.

Acacia—Alumina Chloride

Alcohol, denat., SD1, 190 pf., bbls., c.l., E. works..gal. .33 - —
19 bbls., E. works...gal. .35 - —
1 to 18 bbls., E. works, gal. .35 - —
dms., c.l., E. works....gal. .32 - —
19 dms., E. works...gal. .34 - —
1 to 18 dms., E. works, gal. .37 - —
tanks, E. works....gal. .26 - —
Anhydrous, 5c. per gal. higher.
Special solvent, dms., c.l., E. works..gal. .30 - —
20 dms., E. works..gal. .32 - —
1 to 19 dms., E. works, gal. .35 - —
tanks, E. works....gal. .24 - —
Tankcar sales require written authorization by Alcohol Tax Unit.
Diacetone, pure, contract, dms., c.l., frt. alld....lb. .18 - —
l.c.l., frt. alld....lb. .18½- —
tech., contract, dms, c.l., frt. alld. ....lb. .17 - —
l.c.l., frt. alld....lb. .17½- —
Ethyl, 190 pf., ex molasses, bbls., c.l. ....gal. 4.14 - —
19 bbls....gal. 4.16 - —
1 to 18 bbls....gal. 4.19 - —
dms., c.l. ....gal. 4.18 - —
19 dms....gal. 4.15 - —
1 to 18 dms....gal. 4.18 - —
tanks ....gal. 4.07 - —
absolute, dms....gal. 4.54 - 6.08½
Grain alcohol 40c. per gal. higher.
Hexyl, secondary, dms., c.l., f.o.b., dest. ....lb. 1.25 - —
l.c.l., f.o.b. dest....lb. .13 - —
tanks, f.o.b. dest....lb. .115 - —
Isoamyl, primary, dms., l.c.l., dlvd. ....lb. .27 - —
cans, works ....lb. .32 - —
Isobutyl, refd., dms., c.l. works, frt. alld. E. of Rockies.lb. .09½- —
l.c.l., same terms....lb. .10 - —
tanks, same terms....lb. .08½- —
Isopropyl, refd., 91%, dms., c.l., f.o.b. dest. or Miss. crossing ....gal. .55 - —
l.c.l., same terms....gal. .60 - .80
99%, dms., c.l., same terms. gal. .70 - —
l.c.l., same terms....gal. .75 - —
denat. grd., dms., c.l., frt. alld..gal. .29 - —
l.c.l., ft. alld....gal. .32 - —
Methyl (see Methanol)
Phenylethyl, bots. ....lb. 2.65 - 2.75
Propyl (see Isopropyl)
Aldehol, denat. grade, dms., tanks, works..gal. .70 - .80
Aldol, 95%, dms., c.l., works..lb. .21 - —
l.c.l., works....lb. .25 - —
Aletris root, bgs....lb. .20 - .30
Alizarin (see Red, alizarin)
Alkanet root, bgs....lb. .10 - .11
Aloe, Barbados, true, cs....lb. .65 - .80
Cape cs....lb. .23 - .24
Curacao, cs....lb. .21 - .26
gourds, bbls....lb. .50 - .55
Socotrine, kgs....lb. .35 - .39
Aloin, bbls., cns....lb. 1.50 - 1.55
Alphanaphthol, bbls....lb. .60 - .65
Alphanaphthylamine, bbls....lb. .33 - .37
Althea root, cube cut, bls....lb. .26 - .27
Alum, ammonia, burnt, USP, bbls. lb. .13 - .17
gran., bbls., works....100 lbs. 2.75 - 3.00
dlvd. N.Y., Phila...100 lbs. 2.90 - —
lump, bbls., works....100 lbs. 3.00 - 3.25
dlvd. N.Y., Phila...100 lbs. 3.15 - —
powd., bbls., works...100 lbs. 3.15 - 3.40
dlvd. N.Y., Phila...100 lbs. 3.30 - —
Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rate, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex-warehouse deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N.Y. prices apply to truck or ex warehouse.
Potash, gran., bbls., works.... 100 lbs. 3.00 - 3.25
dlvd. N.Y., Phila...100 lbs. 3.15 - —
lump, bbls., works....100 lbs. 3.25 - 3.50
dlvd. N.Y., Phila...100 lbs. 3.40 - —
powd., bbls., works...100 lbs. 3.40 - 3.65
dlvd. N.Y., Phila...100 lbs. 3.55 - —
Potash alum prices on same basis as those for ammonia alum.
Potash-chrome, bbls....lb. .07 - .07½
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd....100 lbs. 4.25 - 5.00
Alumina acetate, CP, 20% solut., bbls..lb. .09 - .10
Chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works..lb. .05 - —
12,000 to 40,000 lbs., works..lb. .06 - —
1,100 to 11,000 lbs., works..lb. .07 - —
140 to 875 lbs., works..lb. .08 - —
100 lbs. or less, works..lb. .09 - —
cryst., com'l, dms., c.l., works lb. .03½- .07
solut., dms., works....lb. .03 - .03½

Alumina Hydr.—Ammoniac

Alumina hydrate, heavy, bbls., 20 and over, works..lb. .08 - ..
less than 20, works....lb. .04½- —
light, bbls., dlvd.....lb. .13 - —
Oleate, dms., contr.....lb. .16½- —
open order.....lb. .17½- .18½
Palmitate, precip., bbls., ton.lb. .21 - —
smaller lots.....lb. .22 - —
Resinate, precip., dms., dlvd.lb. .15 - —
Stearate, precip., bbls., otns., c.l..lb. .18 - —
l.c.l., ton.....lb. .19 - —
less than ton.....lb. .20 - —
Sulphate, com'l, bgs., c.l., works, frt. equald.100 lbs. 1.35 - —
l.c.l., works, frt. equald.. 100 lbs. 1.60 - —
bbls., c.l., works, frt. equald. 100 lbs. 1.55 - —
l.c.l., works, frt. equald. 100 lbs. 1.80 - —
Iron-free, bgs., c.l., works, 100 lbs. 2.00 - —
l.c.l., works.....100 lbs. 2.25 - 2.60
truckload, dlvd, met. N.Y. 100 lbs. 2.40 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.55 - —
5 to 9, dlvd. met. N.Y.. 100 lbs. 2.80 - —
1 to 4, dlvd. met. N. Y. 100 lbs. 3.30 - —
bbls., c.l., works....100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.45 - 2.60
truckloads, dlvd., met.N.Y. 100 lbs. 2.60 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.75 - —
Alumina, sulphate, iron-free, bbls, truckloads, 5 to 9, dlvd. met. N. Y..100 lbs. 3.00 - —
1 to 4, dlvd, met. N.Y. 100 lbs. 3.50 - —
Aluminum, 98-99%, dms., c.l...lb. .19 - .19½
l.c.l. .....lb. .20 - .21
Powder, dry, lining, ext. fine, dms., 30,000 lbs.; f.o.b. ship. pt. (see note below) .....lb. .90 - —
3,000-30,000 lbs., same basis—lb. .92 - —
1,000-3,000 lbs., same basis—lb. .95 - —
less than 1,000 lbs., same basis..lb. 1.00 - —
standard, dms., 30,000 lbs., same basis..lb. .50 - —
3,000-30,000 lbs., same basis—lb. .52 - —
1,000-3,000 lbs., same basis—lb. .55 - —
less than 1,000 lbs., same basis..lb. .60 - —
litho. ext. brilnt., dms, 30,000 lbs., same basis .....lb. .41 - —
3,000-30,000 lbs., same basis—lb. .42 - —
1,000-3,000 lbs., same basis..lb. .46 - —
less than 1,000 lbs., same basis..lb. .51 - —
ext. fine, dms., 30,000 lbs., same basis..lb. .45 - —
3,000-30,000 lbs., same basis..lb. .47 - —
1,000-3,000 lbs., same basis..lb. .50 - —
less than 1,000 lbs., same basis..lb. .55 - —
Aluminum, powder, dry, litho., standard, dms., 30,000 lbs., same basis..lb. .40 - —
3,000-30,000 lbs., same basis..lb. .42 - —
1,000-3,000 lbs., same basis..lb. .43 - —
less than 1,000 lbs., same basis..lb. .50 - —
wallpaper, dms., 30,000 lbs., same basis..lb. .40 - —
3,000-30,000 lbs., same basis..lb. .42 - —
1,000-3,000 lbs., same basis..lb. .45 - —
less than 1,000 lbs., same basis..lb. .50 - —
rubber comp., dms., 30,000 lbs., same basis..lb. .39 - —
3,000-30,000 lbs., same basis..lb. .41 - —
1,000-3,000 lbs., same basis..lb. .44 - —
less than 1,000 lbs., same basis..lb. .49 - —
unpolished, standard, dms., 30,000 lbs., same basis .....lb. .35 - —
3,000-30,000 lbs., same basis..lb. .37 - —
1,000-3,000 lbs., same basis..lb. .40 - —
less than 1,000 lbs., same basis..lb. .45 - —
varnish, ext, brilliant, dms., 30,000 lbs., same basis .....lb. .41 - —
3,000-30,000 lbs., same basis..lb. .43 - —
1,000-3,000 lbs., same basis..lb. .46 - —
less than 1,000 lbs., same basis..lb. .51 - —
Aluminum powder, dry, varnish, ext. fine, dms., 30,000 lbs., same basis..lb. .45 - —
3,000-30,000 lbs., same basis..lb. .47 - —
1,000-3,000 lbs., same basis..lb. .50 - —
less than 1,000 lbs., same basis..lb. .55 - —
standard, dms., 30,000 lbs., same basis..lb. .40 - —
3,000-30,000 lbs., same basis..lb. .42 - —
1,000-3,000 lbs., same basis..lb. .45 - —
less than 1,000 lbs., same basis..lb. .50 - —
paste, fine, lining, dms., 30,000 lbs., same basis lb. .65 - —
3,000-30,000 lbs., same basis..lb. .67 - —
1,000-3,000 lbs., same basis..lb. .70 - —
less than 1,000 lbs., same basis..lb. .75 - —
extra dms., 30,000 lbs., same basis..lb. .70 - —
3,000-30,000 lbs., same basis..lb. .72 - —
1,000-3,000 lbs., same basis..lb. .75 - —
less than 1,000 lbs., same basis..lb. .80 - —
ink, dms., 30,000 lbs., same basis..lb. .80 - —
3,000-30,000 lbs, same basis..lb. .82 - —
1,000-3,000 lbs, same basis..lb. .85 - —
less than 1,000 lbs., same basis..lb. .90 - —
ink, dms., 30,000 lbs., same basis..lb. .75 - —
3,000-30,000 lbs., same basis..lb. .77 - —
1,000-3,000 lbs., same basis..lb. .80 - —
less than 1,000 lbs., same basis..lb. .85 - —
standard, dms., 30,000 lbs., same basis..lb. .43 - —
3,000-30,000 lbs., same basis..lbs. .45 - —
1,000-3,000 lbs., same basis..lb. .48 - —
less than 1,000 lbs., same basis..lb. .53 - —

Aluminum powder and paste, c.l., prices 2c. per lb. below 30,000-lb. prices. Deduction equivalent to full freight rate allowed in quantities of 200 lbs. or over, where shipping point and destination are both E. of Miss. river; where destination is W. of Miss., but shipping point is E., deduction will be equivalent to the full freight rate only to the Miss. river; shipments ex whse. W. of Miss. not subject to freight allowance. Deliveries ex whse. extra as follows:—Chicago, Cleveland, Detroit, St. Louis, ¼c.; Houston Kansas City, ½c.; Los Angeles, Portland, San Francisco and Seattle, 1c.; Dallas, Tulsa, ¾c.; Denver, 2c.

Ambergris, gray, tins.....oz. 22.00 - 35.00
Amidopyrene, cs.....lb. 4.00 - 4.10
Ammonia, anhyd., fertilizer, tanks (50,000 lbs.) works....lb. .04½- —
refrigeration, tanks, works..lb. .05½- —
pure, cyls., dlvd., met. N.Y. lb. .18 - .22

Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

Acetate, kgs.....lb. .26 - .33
Aldehyde, dms.....lbs. .65 - .70
Aqua, 26°, cbys.....lb. .05½- —
dms., c.l.....lb. .02½- —
l.c.l. .....lb. .03½- —
tanks (on NH_3 content)..lb. .03 - .05¼
tankwagons .....lb. .024 - —
Bicarbonate, bbls., c.l., works, 100 lbs. 5.15 - —
l.c.l., dlvd. N. Y....100 lbs. 5.71 - —
Bifluoride, bbls.....lb. .15 - .16
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .35 - .36
Carbonate, tech., dom., bbls.lb. .08 - .12½
imported, csks.....lb. .08 - .12½
USP, lump, bbls.....lb. .08 - .09
cks .....lb. .07 - —
powd., bbls.....lb. .09 - .10
Chloride, tech. (see Ammoniac, sal)
USP, gran., bbls.....lb. .12½- .13
Citrate, kgs.....lb. .80 - .86
Fluoride, bbls.....lb. .17 - .19
Hydroxide (see Ammonia, aqua).
Hypophosphite, bbls.....lb. 1.10 - 1.15
Iodide, jars.....lb. 3.40 - 3.45
Laurate, bbls.....lb. .10 - —
Linoleate, 50%, anhyd., bbls.lb. .11 - —
Naphthenate, bbls.....lb. .11 - —
Nitrate, tech., cks.....lb. .04 Nom.
Oleate, bbls.....lb. .10 - —
Oxalate, neutral, cryst., powd., bbls..lb. .26 - .27
pure, cryst., bbls., kgs....lb. .27 - .28
Perchlorate, kgs.....lb. .16 - —
Persulphate, kgs.....lb. .21 - .23½
Phosphate, dibasic, NF, bbls.lb. .34 - .36
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
monobasic, pure, bbls.....lb. .40 - .42
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
Ricinoleate, bbls.....lb. .15 - —
Salicylate, USP, kgs.....lb. 1.15 - 1.20
Sulphate, dom., bulk, c.l., Oct.-Nov. dlvy., dlvd., Ill., Ind., Mich., Ohio..ton. 22.50 - —
f.o.b. cars, Atlantic, Gulf, ports..ton. 25.50 - —
Birmingham, Ala., ovens..ton. 25.50 - —
Northern ovens...ton. 23.50 - —
barge lots, Sparrows Point, Md., Brooklyn, N. Y.ton. 24.50 - —
Ammonia sulphate, domestic, for Dec.-June delivery is 50c. per ton additional.
dbl. bgs., export, f.a.s. N.Y., ton. No prices
Sulphide, liquid, dms.....lb. .15 - —
tanks .....lb. .12 - —
Sulphocyanide, kgs.....lb. .65 - —
Ammoniac, gum (see Gum, ammoniac).
Sal, gray, dom., bbls, c.l. 100 lbs. 5.00 - 5.25
l.c.l. .....100 lbs. 5.50 - 5.75
import, gran., csks.....lb. .05½- .06
lump, bbls.....lb. .10½- .13
white, gran., dom., bbls., contracts, works..100 lbs. 4.45 - 5.05
imports., csks.....100 lbs. 4.45 - 5.05

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SOLVENT NEWS

Reg. U. S. Pat. Off.

OCTOBER ★ A Monthly Series of Articles for Chemists and Executives of the Solvent-Consuming Industries ★ 1936

U.S.I. CELEBRATES 30TH YEAR!

OLDEST AND LARGEST INDUSTRIAL ALCOHOL PRODUCER MARKS THIRTIETH ANNIVERSARY

Widespread Growth in Industrial Alcohol Industry Followed Passage of Denatured Alcohol Law

Substantial expansion in the manufacture of industrial alcohol began just thirty years ago, when Congress passed the Denatured Alcohol Law of 1906 and the U. S. Industrial Alcohol Co. was organized. Because of the heavy tax on ethyl alcohol before 1906, there was little incentive to find new uses for it. When applied chemistry was coming into its period of greatest development, about 1900, alcohol was used "industrially" for the preparation of medicines and perfumes, and, in limited quantities, as a solvent.

At this period certain industries, particularly the hat manufacturers, sponsored legislation which resulted in the passage of the Denatured Alcohol Law of 1906. This bill authorized the sale of alcohol for industrial purposes free of the burdensome tax.

The U. S. Industrial Alcohol Co. was incorporated on October 17, 1906, shortly after the new law was passed, and was ready to deliver alcohol when the law became effective on January 1, 1907.

During the first year under the new law, production for the industry amounted to less than two million gallons. This consisted of Completely Denatured Formula Nos. 1 and 2 and Specially Denatured Alcohol, Formula No. 1.

Alcohol from Molasses

Most of the industrial alcohol was manufactured at that time from domestic grain. However, a search for cheaper raw material led to the successful utilization of blackstrap molasses. U.S.I. chemists contributed much to the development of methods for using molasses to produce high quality ethyl alcohol.

Lighting and heating were the principal outlets for Completely Denatured Alcohol in 1907, while Specially Denatured Alcohol had already assumed importance as a shellac solvent.

U.S.I. played a large part in developing and furthering uses for alcohol in the years that followed. By cooperating with consumers, the Company aided them in the selection of formulas suited to their needs and carried on extensive research to find new uses. As a result of these efforts and the general expansion occurring in the chemical field, the number of formulas began to grow and consumption to increase. At the beginning of the World War, industrial alcohol production amounted to more than ten million gallons per year.

During the World War, alcohol became recognized as one of the leading

(Continued on next page)

ALCOHOL GAINING IMPORTANCE AS FUEL AND RAW MATERIAL

Future civilization will look upon ethyl alcohol as an even greater necessity than it is considered at the present time.

The growth of the plastic industry may have a profound effect on alcohol manufacture. Now, cellulose acetate and plastics made therefrom use alcohol (or alcohol derivatives) in substantial amounts. Other types of plastics use smaller amounts or give promise of utilizing alcohol in a substantial way.

Alcohol is a "sun crop" and can be made from agricultural products to supplement our future fuel requirements. Manufacture of alcohol from domestic crops will unquestionably assist the farmer of the future. In some foreign nations, alcohol is now a required component of motor fuels.

U.S.I. HAS CONTRIBUTED NEW AND IMPROVED PRODUCTS TO NUMEROUS INDUSTRIES

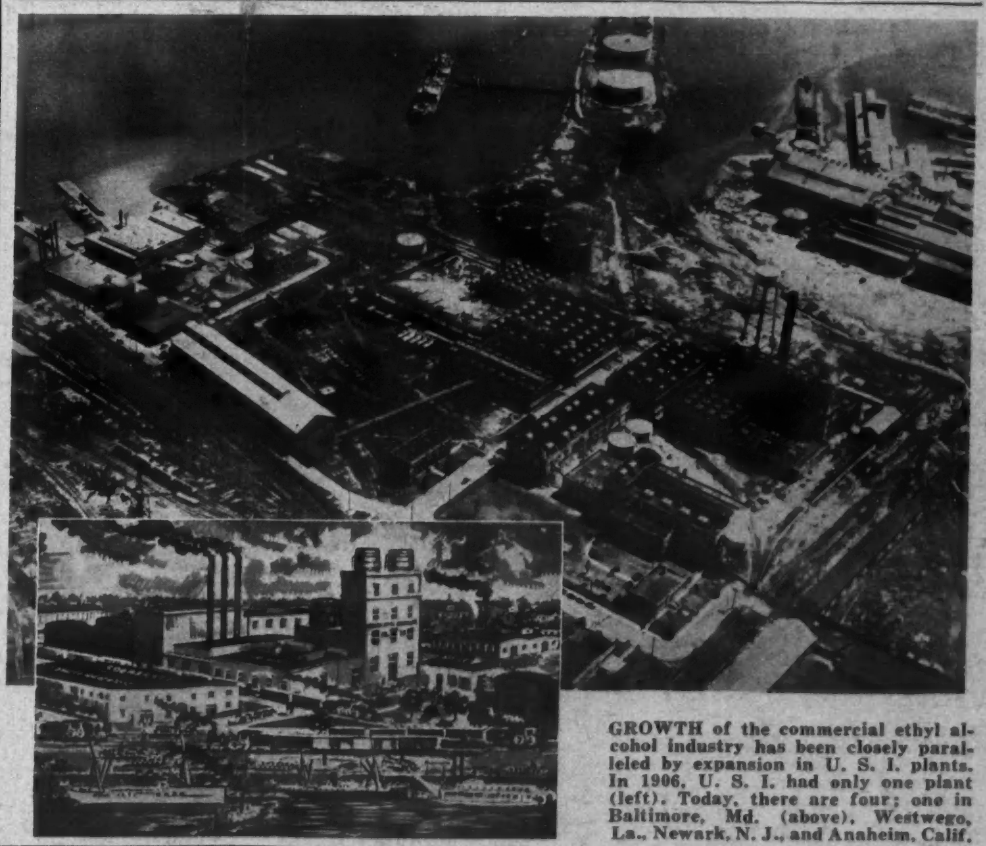
Widely divergent phases of American industry are profiting by the numerous contributions made by the U. S. Industrial Chemical Co., Inc., during its nineteen years of existence. This U.S.I. unit has consistently supplied new and superior products to the medical profession, food manufacturers, the paint, varnish and lacquer industry and the rapidly developing field of plastics.

U.S.I. was a leader in developing a process for purifying gaseous carbon dioxide, given off during fermentation, to meet the specialized requirements of the carbonated beverage industry.

The lacquer industry has benefited particularly from the work that U.S.I. has done in developing acetylated alcohols—Ethyl, Butyl and Amyl Acetates—using Acetic Acid (vinegar) of low concentration. This industry has also utilized anhydrous alcohol—a product made available at a reasonable price by U.S.I.

Advances in the development of Phthalate Esters have been made by U.S.I. These include the important plasticizers Dibutyl and Diamyl Phthalate—both of which have a significant

(Continued on next page)



GROWTH of the commercial ethyl alcohol industry has been closely paralleled by expansion in U. S. I. plants. In 1906, U. S. I. had only one plant (left). Today, there are four; one in Baltimore, Md. (above), Westwego, La., Newark, N. J., and Anaheim, Calif.

THREE DECADES OF SERVICE

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OCTOBER ★ **SOLVENT NEWS** ★ 1936

U. S. I. CELEBRATES 30th YEAR

(Continued from preceding page)

essential raw materials. Large quantities were required for miscellaneous war materials, munitions, dopes for airplanes, gases and medical supplies. A large use of alcohol was for the manufacture of acetone—a very important military powder raw material.

Acetone and Alcohol

At the beginning of the war, the major production of acetone was from acetate of lime made by wood distillation, but the supply was limited. U.S.I. installed large converters for producing vinegar (dilute acetic acid) by oxidation of ethyl alcohol, thence to acetate of lime, so supplementing the needs of the nation. Research work eventually led to the development of a process for producing acetone by fermentation, and much of the material needed was made in this way during the later years of the war.

In the acetone fermentation process, both ethyl alcohol and normal butyl alcohol were also produced, and while there was a ready outlet for ethyl alcohol, no important use for butyl alcohol existed. War production of acetone resulted, therefore, in a tremendous accumulated gallonage of butyl alcohol.

One of the chemical developments of the early '20's was that of low-viscosity nitrocellulose. This material made possible the production of a serviceable automobile lacquer. Butyl alcohol and butyl acetate were found most adaptable to this new use, and with the phenomenal expansion of the motor car industry within these few years, the surplus of butyl alcohol was rapidly absorbed.

Production of acetone from grain by a patented process was the original method, and was not employed by U.S.I. at that time. However, in subsequent years, U.S.I. chemists developed a new process for direct fermentation of molasses to acetone, and this process is now in operation at the Company's Baltimore Plant. During these years, the Company was carrying on development work to allow the production of other alcohol-derived chemicals. Today the U. S. Industrial Chemical Co., Inc., which had its beginning in 1917, offers a full line of alcohol chemicals.

With the increase of industrial activity which began after the war and reached its peak in 1929, alcohol was continually becoming more important. The increase in number of automobiles produced, particularly affected the alcohol industry; anti-freeze was required in yearly volume of about 30 million gallons.

Since the beginning of the Alcohol Company in 1906 and the Chemical Company in 1917, U.S.I. has continuously contributed to the domestic supply of essential chemical products. Among the important accomplishments of U.S.I., the development of a process for making anhydrous ethyl alcohol on an economical commercial basis stands apart. This process, put into commercial operation in 1920, made it possible for manufacturers to utilize this heretofore expensive solvent and chemical. Today it finds widespread use as the essential ingredient in Super Pyro anti-freeze.

Today, more than ninety million gallons of ethyl alcohol are produced for industrial purposes each year—and U.S.I. is the largest manufacturer in the field. Long experience, combined with the most modern equipment which can be devised, enable U.S.I. to maintain its foremost position and to offer products of highest quality.

U. S. I. CHEMICAL PRODUCTS USED IN MANY INDUSTRIES

(Continued from preceding page)

role in the fields of lacquers, plastics and associated industries.

The Company has been a pioneer in the commercial development in this country of important specialty and intermediate products. Among these are Ethyl Acetoacetate, Ethyl Oxalate, Sodium Ethyl Oxal Acetate, Ethyl Chlorcarbonate, Diethyl Carbonate and Acetoacetanilid. These products are becoming increasingly useful in the dyestuffs, pharmaceutical and chemical specialty fields.

Ethylene gas, made by U.S.I., is a safe modern anesthetic and, further, is being employed by fruit and vegetable packers to accelerate ripening. The latter use has been a factor in increasing the marketability of many farm products.

The domestic supply of potash has been augmented by the U.S.I. process for obtaining this important agricultural material from distillery residue.

TECHNICAL DEVELOPMENTS

The items in this column are gathered from many varied sources. Further information may be obtained by writing to U.S.I.

U S I

Flexible, transparent adhesive can be used to mend or adhere to all common materials except rubber. It is also said to resist the action of water and oil. Quantities ranging from pints to drums are available for industrial use.

U S I

A finish for metal parts is said to resist the effects of water, sunlight, weather, and fire. It is insoluble in oil and the lighter distillates of petroleum. Dilute caustic soda, soap, and other alkaline solutions, acetic, dilute sulphuric, and hydrochloric acids will not affect the finish, it is claimed. It may be applied by spray or brush, and may be air dried or baked.

U S I

Light simulating daylight can be produced by a new lighting fixture, according to the manufacturer. The predominantly red rays of an incandescent lamp are mixed with the yellow-green rays of a mercury lamp to produce efficient light said to be easy on the eyes.

U S I

Moisture-proof rubber paint which is reported to be highly resistant to alkalies and acids, is now being produced. The new paint can be applied by brush or dipping on metal, concrete and sand-blasted surfaces. It is available, on order, in any color.

U S I

Laminated, synthetic resinous product for use where stability to changes in temperature and humidity is required is now being marketed. It is said to have a tensile strength of 12,000 lb. per sq. in., high compressive and flexural strength and to resist weak mineral acids.

U S I

Filtered water may be secured from city water by means of a filter now on the market. A filtering cartridge, activated carbon and a refined Zeolite are said to purify and soften the water. The device has threaded outlet and inlet connections for inserting in pipe-lines.

U S I

Metallic lead paste which is reported to outlast red lead as a priming coat is now being marketed. When mixed in suitable vehicles, the material can be sprayed, brushed or dipped. The paste consists of approximately 90 per cent metallic lead and 10 per cent mineral spirits.

U.S. INDUSTRIAL ALCOHOL CO.
INDUSTRIAL CHEMICAL CO., INC.

WORLD'S LARGEST PRODUCERS OF ALCOHOL DERIVED SOLVENTS

ALCOHOLS
Amyl Alcohols
Refined Amyl Alcohol
Refined Fusel Oil
Secondary Amyl Alcohol
Ethyl Alcohols
Specially Denatured—All Formulas
Completely Denatured—All Formulas
Anhydrous—Denatured
Absolute—Pure
C.P. 96%—Pure and Denatured
Solox—The General Solvent
Super Pyro—The Rustproof Anti-freeze
Pure (190) Proof—Tax Paid, Tax Free

ALCOHOLS
Butyl Alcohols
Normal and Secondary
Methyl Alcohol

ANSOLS
Ansol M
Ansol PR

ETHERS
Ethyl Ether
U.S.P. and Absolute (A.C.S.)

NITROCELLULOSE SOLUTIONS
Collodions
U.S.P., U.S.P. Flexible and Photo
Cotton Solutions

ESTER SOLVENTS
Acetic Ether
Amyl Acetates
High Test
Commercial
Technical
Secondary
Amyl Propionate
Butyl Acetates
Normal and Secondary
Diatol
Diethyl Carbonate
Estersols
Ethyl Acetates
85-88%, 99%, and U.S.P.
Ethyl Lactate

PLASTICIZERS
Diamyl Phthalate
Dibutyl Phthalate
Diethyl Phthalate
Dimethyl Phthalate

OTHER PRODUCTS
Acetoacetanilid
Ethyl Acetoacetate
Ethyl Chlorcarbonate
Ethyl Oxalate
Ethylene
Sodium Oxalacetate
Acetone
Methyl Acetone
Curbay Binder
Potash By-products

Executive Offices: 60 East 42nd Street, New York, N. Y. Branches in all Principal Cities

Amyl acetate, ex fusel oil, dms., c.l., works..lb. .12 - .13
l.c.l., frt. alld.....lb. .12½- .13½
tanks, works.....lb. .11 - .12
ex pentane, dms., c.l., dlvd, lb. .142 - —
l.c.l., dlvd.....lb. .149 - —
tanks, dlvd.....lb. .135 - —
secondary, dms., c.l., f.o.b. dest..lb. .09½- —
l.c.l., f.o.b. dest.....lb. .10 - —
tanks, f.o.b. dest.....lb. .08½- —
Amyl alcohol (see Alcohol, amyl).
Butyrate, bots.....lb. .80 - 1.00
Caproate, cns.....lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works.....lb. .68 - —
Chlorides, mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .077 - —
tanks, works.....lb. .06 - —
Mercaptan, dms., l.c.l., works.lb. 1.10 - —
Nitrite, bots.....lb. 1.80 - 1.85
Oleate, dms., l.c.l., works...lb. .25 - —
Salicylate, cans.....lb. .65 - 1.25
Stearate, dms., l.c.l. works..lb. .26 - —
Amylene, dms, c.l.....lb. .102 - —
l.c.l.....lb. .11 - —
tanks.....lb. .09 - —
Anethol, bots.....lb. 1.05 - 1.10
Angelica root, dom., bls.....lb. .23 - .25
import, natural, bls.....lb. .45 - .50
twisted, bls.....lb. .55 - .57
Angostura bark, bls.....lb. .35 - .36
Anilin oil, dms.....lb. .16½- .17½
tanks.....lb. .15 - —
Anise, Russian, bgs.....lb. .09½- .11
Spanish, bgs.....lb. .15 - .15½
Star, bgs.....lb. .13 - .14
Anisic aldehyde, bots.....lb. 2.15 - 3.00
Annatto paste, bxs.....lb. .34 - .37
Seed, bgs.....lb. .07 - .08
Anthraquinone, 99.5%, subl., bbls, lb. .50 - .52
Antimony, butter (see Antimony chloride).
Chloride, solut., dom., cbys..lb. .13 - .17
Metal, dom.....lb. .12½- —
import, c.i.f., duty paid...lb. .13½- —
Needle, powd., bbls.....lb. .11½- .12
Oxide, dom., bbls., c.l.....lb. .12½- .13
l.c.l.....lb. .13½- —
import, bbls.....lb. .13¾- —
Salts, 65%, kgs.....lb. .22 - .25
Sulphuret, golden, bbls.....lb. .22 - .28
White pigment, bgs., Texas works, frt. alld. to ¼c. lb. c.l..lb. .10½- .13¼
Antipyrene, cns., ton lots.....lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.15
Apomorphine, cns.....oz. 23.70 - 23.90
Archil extract, conc., bbls.....lb. .21 - .27
double, bbls.....lb. .18 - .20
triple, bbls.....lb. .18 - .20
Areca nuts, powd., bbls.....lb. .11 - .12
Arecoline hydrobromide, bots., vis..oz. 5.50 - 5.75
Arkola, crude, 30%, cake.....lb. .07 - .08
80-85%, cake.....lb. .14 - .15
Arnica flowers, bls.....lb. .32 - .35
Root, bls.....lb. .38 - .40
Arrowroot, St. Vincent, powd., bgs..lb. .08¾- .09¼
bbls.....lb. .08¼- .09
Arsenic iodide (arsenous), bots., jars..lb. 5.15 - 5.20
Metal, lump, cs.....lb. .42 - .46
Red, import., cs.....lb. .15¾- .16¼
Trioxide (see Acid, arsenous).
White, powd., kgs. c.l.....lb. .03½- —
l.c.l.....lb. .04½- —
Japanese, cs.....lb. .03¾- .04¼
Arsenous chloride, liq., bot..lb. 1.85 - —
Asafetida, bls.....lb. .18 - .19
powd., bbls., bxs.....lb. .32 - .35
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton. 87.50 - —
5R, bgs., c.l. (20 tons), Canad. mines—ton. 35.00 - —
6D, bgs., c.l. (30 tons)..Canad. mines..ton. 27.00 - —
7D, bgs., c.l. (50 tons), Canad. mines..ton. 23.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton. 21.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton. 17.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton. 14.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton. 12.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.....lb. .02½- —
smaller lots, f.o.b. N.Y..lb. .03½- —
AA, bgs., 20 tons, f.o.b. N. Y...lb. .08½- —
smaller lots, f.o.b. N. Y..lb. .10½- —
California, dms., c.l., f.o.b.N.Y. ton. 20.00 - —
l.c.l., f.o.b. N. Y.....ton. 30.50 - —
Cuban, A., bgs., c.l., f.o.b. N.Y. ton. 60.00 - —
l.c.l., f.o.b.N.Y.....ton. 90.00 - —
B, bgs., c.l., f.o.b.N.Y....ton. 35.00 - —
l.c.l., f.o.b.N.Y.....ton. 65.00 - —
Egyptian, bgs., c.l., f.o.b.N.Y.lb. .12 - —
l.c.l., f.o.b.N.Y.....lb. .15 - —
Gilsonite, brilliant black, bgs, c.l., Colo. points.....ton. 32.90 - —
seconds, bgs., c.l., Colo. points.....ton. 25.50 - —
selects, bgs., c.l., Colo., Utah points..ton. 30.50 - —
l.c.l., f.o.b., or N.J. or N.Y., whse..ton. 49.50 - —
Maltha, dms., c.l., f.o.b.N.Y.ton. 29.00 - —
l.c.l., f.o.b.N.Y.....ton. 36.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery..ton. 19.00 - —
l.c.l., refinery .....ton. 21.00 - —
tanks, refinery .....ton. 16.00 - —
Petroleum cut-back, bbls., l.c.l., refinery..gal. .13 - —
dms., c.l., refinery.....gal. .12 - —
tanks, Calif., refinery...gal. .05 102- —
East Coast, Ill., Ind. refinery..gal. .06½- —
N. Orleans refinery....gal. .06 - —
Wyo., refinery .....gal. .07½- —
Atropine, vis.....oz. 5.25 - 5.50
Sulphate, vis.....oz. 2.25 - 2.85

B

Balm of Gilead buds, bgs....lb. .21 - .23
Barberry bark, bgs.....lb. .10 - .11
Root bark, bls.....lb. .16 - .17
Barbital, cs.....lb. 3.25 - 3.30
Barium carbonate, natural, 90%, grd., bgs., c.l., works, ton. 42.00 - —
99% 200 mesh, bgs., c.l., works..ton. 45.00 - —
precip., bgs.....ton. 56.50 - 61.50
Chlorate, kgs.....lb. .15½- .17½
Chloride, CP., cryst., bbls...lb. .18 - .20
tech., dom., cryst., bbls., bgs., c.l., works..ton. 72.00 - 74.00
l.c.l., delvd., N. Y..ton. 82.00 - 87.00
Barium, dioxide, dms.....lb. .11 - .15
Fluoride, bbls.....lb. .15 - .16
Fluosilicate, bbls.....lb. .15 - .16
Hydrate (see Hydroxide).
Hydroxide, bbls.....lb. .06¼- .07½
Iodide, bots.....lb. 4.40 - 4.45
Monoxide (see Oxide).
Nitrate, cks.....lb. .07 - .08¼
Oxide, dms.....lb. .11 - .15
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .13 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton. 23.65 - —
l.c.l., ex whse., Boston. ton. 36.00 - —
Chicago .....ton. 30.35 - —
Cleveland .....ton. 33.50 - —
New York .....ton. 32.00 - —
paper bgs., c.l., St. Louis. ton. 22.85 - —
l.c.l., ex car, Baltimore. ton. 30.70 - —
Boston .....ton. 31.70 - —
Philadelphia .....ton. 30.50 - —
ex. whse., Baltimore. ton. 32.10 - —
Boston .....ton. 35.20 - —
Chicago .....ton. 30.85 - —
Cleveland .....ton. 33.00 - —
Detroit .....ton. 33.00 - —
Kansas City.....ton. 30.95 - —
Los Angeles.....ton. 42.00 - —
New York.....ton. 31.50 - —
Philadelphia.....ton. 31.90 - —
San Francisco.....ton. 42.00 - —
Toronto .....ton. 39.30 - —
Southern off color, bulk, mines..ton. 12.00 - —
95.75%, bulk, mines.....ton. 16.00 - —
German, grd., bbls., c.l., ex dock, t.a...ton. 25.00 -26.00
l.c.l., ex wrhse.....ton. 30.00 - —
ungrd., bulk, c.l., ex dock. ton. 13.00 -14.00
Italian, grd., bbls., c.l., ex dock, t.a...ton. 29.50 - —
l.c.l., ex wrhse.....ton. 32.50 - —
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Bay rum, import., bbls.....gal. .70 - .75
Bayberry bark, bgs.....lb. .07½- .08
Belladonna leaves, bls.....lb. .14 - .15
Root, bls.....lb. .11 - .12
Bentonite, 1, 90% 300 mesh, bgs., Wyo. works..ton. 16.00 - —
2, 92%, 300 mesh, bgs., Wyo., works..ton. 11.00 - —
Benzaldehyde, tech., dms.....lb. .60 - .62
USP. IX, dms.....lb. 1.10 - 1.20
USP, X, dms.....lb. 1.30 - 1.35
Benzene (see benzol)
Benzidin base, bbls.....lb. .72 - .74
Benzol, 90%, nitration, pure, dms, works .....gal. .21 - —
tankcars, frt. alld. E. of Omaha..gal. .16 - —
Benzol tankcar prices, West, f.o.b. sellers' works.
Benzoyl chloride, dms.....lb. .40 - .45
Peroxide, cns., works.....lb. 1.85 - —
Benzyl acetate, f.f.c., bots....lb. .55 - 1.00
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., tins.lb. .90 - 1.20
Chloride, 95-97%, refd., dms.lb. .30 - .40
tech., dms. .....lb. .25 - .26
Formate, cns. .....lb. 2.75 - 3.50
Benzylidin acetone, bots.....lb. 2.35 - 3.50
Berberine bisulphate, bots.....lb. 13.00 - —
Hydrochloride, bots. .....lb. 13.00 - —
Sulphate, bots.....lb. 14.75 - —
Berberis root, bls.....lb. .09 - .10
Betanaphthol, subim., bbls.....lb. .55 - —
tech., bbls. .....lb. .24 - .27
Benzoate, bxs., kgs.....lb. 2.35 - 2.50
Betanaphthylamine, tech., kgs.lb. .53 - .55
Beth root, bls.....lb. .10 - .11
Bismuth, chloride, bxs.....lb. 3.20 - 3.25
Citrate, USP, VIII, bxs.....lb. 2.65 - 2.70
Hydroxide, bxs.....lb. 3.15 - 3.20
Metal, ton lots.....lb. 1.00 - —
Nitrate, cryst., jars.....lb. 1.20 - 1.25
Oxychloride, bxs.....lb. 2.95 - 3.00
Subbenzoate, bxs.....lb. 3.25 - 3.30
Subcarbonate, fib, dms.....lb. 1.40 - 1.45
X-ray, bots., fib. dms.....lb. 2.00 - 2.05
Subgallate, bbls.....lb. 1.50 - 1.55
Subiodide, bots.....lb. 3.83 - 3.98
Subnitrate, powd., bots., fib. dms..lb. 1.30 - 1.35
Subsalicylate, 62-66%, bbls...lb. 2.35 - 2.40
Subphocarbolate, bots.....lb. 3.00 - 3.05
Trioxide, powd., bxs.....lb. 2.45 - 2.50
Bismuth-ammonia citrate, USP, powd., cns..lb. 2.80 - 2.95
Bismuth-betanaphthol, bxs.....lb. 3.05 - 3.10
Black, bone, 1A, bbls., bgs., c.l., frt. alld. E..lb. .15 - —
l.c.l., frt. alld. E.....lb. .15½- —
1, bbls., bgs., c.l., frt. alld. E..lb. .11½- —
l.c.l., frt. alld. E.....lb. .12 - —
2, bbls., bgs., c.l., frt. alld. E..lb. .09½- —
l.c.l., frt. alld. E.....lb. .10 - —
3, bbls., bgs., c.l., frt. alld. E..lb. .08½- —
l.c.l., frt. alld. E.....lb. .09 - —
4, bbls., bgs., c.l., frt. alld. E..lb. .07½- —
l.c.l., frt. alld. E.....lb. .08 - —
5, bbls., bgs., c.l., frt. alld. E..lb. .06½- —
l.c.l., frt. alld. E.....lb. .07 - —
6, bbls., bgs., c.l., frt. alld. E..lb. .05½- —
l.c.l., frt. alld. E.....lb. .06 - —
7, bbls., bgs., c.l., frt. alld. E..lb. .08 - —
l.c.l., frt. alld. E.....lb. .08½- —
Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.
Carbon, special, 1, bgs., c.l., works..lb. .05 - —
l.c.l., dlvd. .....lb. .07½- —
ctns., l.c.l., dlvd.....lb. .08¼- —
cs., l.c.l., dlvd.....lb. .09 - —
2, bgs., c.l., works.....lb. .08½- —
l.c.l., dlvd. .....lb. .10½- —
cs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l., dlvd. .....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —
4, bgs., c.l., works.....lb. .27½- —
l.c.l., dlvd. .....lb. .30 - —
cs., c.l., works.....lb. .29 - —
l.c.l., dlvd.....lb. .32 - —
5, bgs., cs., c.l. works....lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .60 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs., c.l, delvd, rail zone A (Gulf ports), for delivery in N.A. (water freights extra). lb. .0445 - —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .0475 - —
50,000 lbs., dlvd., Zone C (Pac. Cst. States)..lb. .0490 - —
80,000 lbs., dlvd., Zone C (Pac. Cst. States)..lb. .0505 - —
Black, carbon, standard, bgs., c.l., dlvd. rail zone:—
D (Ill., Ia., Wis.)...lb. .0490 - —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.)..lb. .0505 - —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .0535 - —
G (Mexico).....lb. .0455- —
l.c.l. dlvd. all zones....lb. .07 - —
ctns., dlvd, all zones.....lb. .07½- —
cs., dlvd. all zones.....lb. .08¼- —
export, full, compsd., cs., f.a.s. Gulf ports..lb. .05½ Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .06 Nom.
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .08½
2, bbls., l.c.l., works...lb. .07 - —
pure, bbls., works.....lb. .08¾- —
Ivory, genuine, bbls.....lb. .30 - .35
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works.....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
import, 1, bbls., c.l., f.o.b. N. Y..lb. .06 - —
l.c.l., f.o.b. N. Y.....lb. .09 - —
2, bbls., c.l, f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls., c.l., f.o.b. N.Y..lb. .13 - —
l.c.l., f.o.b. N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N. Y..lb. .14 - —
l.c., f.o.b. N. Y.....lb. .15 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6, bbls., c.l., f.o.b. N. Y..lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A, bbls., works or N.Y.lb. .04¾- —
B, bbls., works or N. Y....lb. .05½- —
Black dyes are listed under Dyes.
Black haw root bark, bls.....lb. .20 - .21
Tree bark, bls.....lb. .11 - .12
Black Indian hemp root, bls...lb. .12 - .13
Blanc fixe, dry, by-product, bgs., c.l..ton. 60.00 -65.00
l.c.l. .....ton. 65.00 -70.00
high grade precip., bgs, c.l., works, frt. equal..ton. 70.00 - —
l.c.l., same basis.....ton. 75.00 - —
pulp, 68%%, bulk, c.l., works. ton. 40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.25
l.c.l., works.....100 lbs. 2.25 - 2.50
Blood, dried, dom., 16-17% ammon., bulk, f.o.b. N. Y. unit-ton. 4.20 - —
high-grade, grd., 16-17% ammon., bulk, f.o.b. Chi. unit-ton. 4.25 - —
import, bgs., c.i.f. ports, shipt..unit-ton. 3.45 - —
soluble (see Albumen, blood)
Bloodroot, bls .....lb. .12 - .13
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. .90 - —
Alkali blue toner prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.). Miss., N. C., S. C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1¼c. higher dlvd. Tex. (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.
Bronze, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Celestial, bbls.....lb. .10 - .15
Chinese, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Cobalt, genuine, 1-kilo pkg..lb. 4.90 - —
imitation (see Blue, ultramarine, group 6).
Milori, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Potash, bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .47 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Soluble, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Ultramarine, dry, jobbing, bbls., works, frt. equald..lb. .10 - —
regular, 1, bbls., works, frt. equald..lb. .15 - —
2, bbls., same basis.....lb. .17 - —
3, bbls., same basis.....lb. .18 - —
4, bbls., same basis.....lb. .19 - —
5, bbls., same basis.....lb. .22 - —
6, cobalt, A., same basis..lb. .26 - —
B, bbls., same basis..lb. .23 - —
C, bbls., same basis..lb. .22 - —
D, bbls., same basis..lb. .21 - —
7, A, bbls., same basis..lb. .22 - —
B, bbls., same basis..lb. .21 - —
special, 1, bbls, same basis. lb. .18 - —
2, bbls., same basis.....lb. .19 - —
3, bbls., same basis.....lb. .21 - —
4, bbls., same basis.....lb. .22 - —
5, bbls., same basis.....lb. .24 - —
6, bbls., same basis.....lb. .26 - —
pulp, 1, bbls., same basis...lb. .26 - —
2, bbls., same basis.....lb. .24 - —
3, bbls., same basis.....lb. .22 - —
4, bbls., same basis.....lb. .19 - —
Ultramarine, blue, dlvd ex whse. is 1c. higher; Pac. coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Blue mass, USP., cns., kgs.....lb. .95 - .97
Blue Vitriol, 99%, cryst., bbls., c.l., f.o.b. N.Y., Chicago, Cooper Hill, Tenn. 100 lbs. 4.60 - —
16-25, same basis.100 lbs. 4.15 - —
6-15, same basis...100 lbs. 4.25 - —
3-5, same basis....100 lbs. 4.50 - —
1-2 same basis...100 lbs. 4.70 - —
monohydrated, dms., c.l., dealers, E. of Rockies...lb. .08 - .081
jobbers, E. of Rockies.lb. .08 - .081
l.c.l., dealers, E. of Rockies..lb. .09 - .095
jobbers, E. of Rockies.lb. .085 - .086
Bluefag root, bls.....lb. .16 - .18
Bluestone (see Blue vitriol)
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago-ton. 23.00 -25.00
c.i.f. Atlantic ports..ton. 31.00 - —
S.A., bgs., c.i.f. ports..ton. 30.00 - —
steamed, dom., 1½% ammon., 60% phos., bgs., f.o.b. Chicago..ton. 17.00 -18.00
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports.ton. 23.50 - —
meal, steamed, dom., 3% ammon., 50% phos., bgs, f.o.b. Chicago..ton. 19.00 -21.00
import, 100-lb. bgs., c.i.f. ports..ton. 25.00 - —
Phosphate, precip. (see Calcium phosphate, dibasic, precip.)
Borage flowers, bls.....lb. .20 - .21
Borax, tech., 99½%, cryst., bbls., contracts, 80 tons min., dlvd..ton. 56.00 - —
c.l., dlvd.....ton. 60.00 - —
l.c.l., ex whse.....ton. 65.00 -70.00
sks., contracts, 80 tons min., dlvd..ton. 46.00 - —
c.l., dlvd.....ton. 50.00 - —
l.c.l., ex whse.....ton. 55.00 -60.00
gran., bbls., contracts, 80 tons min., dlvd..ton. 50.00 - —
c.l., dlvd.....ton. 54.00 - —
l.c.l., ex whse.....ton. 59.00 -64.00
sks., contracts, 80 tons min., dlvd..ton. 40.00 - —
c.l., dlvd.....ton. 44.00 - —
l.c.l., ex whse.....ton. 49.00 -54.00
powd., bbls., contracts, 80 tons min., dlvd..ton. 55.00 - —
c.l., dlvd.....ton. 59.00 - —
l.c.l., ex whse.....ton. 64.00 -69.00
sks., contracts, 80 tons min., dlvd..ton. 45.00 - —
c.l., dlvd.....ton. 49.00 - —
l.c.l., ex whse.....ton. 54.00 -59.00
USP., $15 per ton higher.
Bordeaux mixture, cs., dms., tins, c.l., dealers, East..lb. .08¼- .14¾
West .....lb. .09 - .11
jobbers, East.....lb. .08 - .14½
West .....lb. .08 - .10
l.c.l., dealers, East, 1,000 lbs. and over..lb. .08¾- .15½
101 to 999 lbs.....lb. .09¾- .16¼
100 lbs. or less.....lb. .10¾- .18½
West .....lb. .09¼- .11½
jobbers, East.....lb. .09¾- .14¾
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs. and over; no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots.....lb. 1.75 - 2.00
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., c.s.,c.l.,works.lb. .36 - —
1,000 lbs., works.....lb. .38 - —
smaller lots, works.....lb. .42 - —
Bromoform, USP, jars.....lb. 1.75 - 1.90
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .40 - .65
moulding, cns., dms., over 10 lbs..lb. .55 - .60
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .60
Broomtop, bls.....lb. .10 - .11
Brown, iron oxide, pure precip., cks, f.o.b. N.Y. or works...lb. .12¼- —
Metallic, bbls., works.....lb. .02 - —
paper bgs., c.l., works.....lb. .018 5- —
Sienna, burnt, American, bbls., works..lb. .08 - —
Italian, 1, bbls., f.o.b. N.Y. or Pa. points.....lb. .12 - —
2, bbls., same basis.....lb. .11 - —
3, bbls., same basis.....lb. .10 - —
4, bbls., same basis.....lb. .08¼- —
5, bbls., same basis.....lb. .08¼- —
6, bbls., same basis.....lb. .08 - —
7, bbls., same basis.....lb. .07¾- —
8, bbls., same basis.....lb. .07½- —
9, bbls., same basis.....lb. .07 - —
10, bbls, same basis.....lb. .06¾- —
11, bbls., same basis.....lb. .06¼- —
12, bbls., same basis.....lb. .06 - —
13, bbls., same basis.....lb. .05¾- —
14, bbls., same basis.....lb. .05¼- —
raw, American bbls., works.lb. .03¾- —
Italian, 1, bbls., f.o.b. N.Y. or works.....lb. .13½- —
2, bbls., same basis.....lb. .12¾- —
3, bbls., same basis.....lb. .10¾- —
4, bbls., same basis.....lb. .09¼- —
5, bbls., same basis.....lb. .08¾- —
6, bbls., same basis.....lb. .08¼- —
7, bbls., same basis.....lb. .07½- —
8, bbls., same basis.....lb. .07 - —
9, bbls., same basis.....lb. .06½- —
10, bbls., same basis.....lb. .06¾- —
11, bbls., same basis.....lb. .04¾- —
Umber, American, bbls., works, lb. .02¾- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N. Y.....lb. .04 - —
St. Louis.....lb. .04¾- —
ex car Los Angeles...lb. .04½- —
ex dock Portland, San Francisco, Seattle.lb. .04¾- —
ex whse. Boston.....lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle lb. .04¾- —
Minneapolis .....lb. .0485- —
Pittsburgh .....lb. .04½- —
Vandyke, bbls., l.c.l.....lb. .05¾- —
Walnut crystals, bbls.....lb. —
Brucine, cns.....oz. .10 - .11
Sulphate, cns.....oz. .07 - .08
Bryonia roots, bls.....lb. .10 - .11
Buchu leaves, bls.....lb. .70 - .80
Buckthorn bark, true, bls.....lb. .04 - .05
Berries, bgs.....lb. .19 - .20
Burdock root, bls.....lb. .09½- .10
Burgundy pitch, dom., bbls., c.l., works..lb. .03½- —
l.c.l., dlvd, E.....lb. .05 - —
import., stands.....lb. .11 - .12
Butanes, coml., 16-32°, tanks, group 3..gal. .02¼- .03¾
Butternut bark, bls.....lb. .06½- .07
Butyl acetate, norm., dms., c.l., contract, frt. alld..lb. .09½- —
l.c.l., contract, frt. alld.lb. .10 - —
tanks, contract, frt. alld.lb. .08½- —
secondary, dms., c.l., f.o.b. dest..lb. .08½- —
l.c.l., f.o.b. dest.....lb. .09 - —
tanks, f.o.b. dest.....lb. .07½- —
Alcohol (see Alcohol).
Aldehyde, dms., c.l., works..lb. .19 - —
l.c.l., works.....lb. .21 - —
Carbinol (see Carbinol).
Lactate, dms.....lb. .22½- .23½
Propionate, dms., dlvd.....lb. .18 - .18½
tanks, dlvd.....lb. .17 - —
Butyric ether, dms.....lb. .80 - .85

Cadmium Brom.—Chloral hydr.

C

Cadmium bromide, bots., jars..lb. 1.54 - 1.59
Iodide, bots, jars.....lb. 3.75 - 3.90
Lithopone (see Yellow).
Metal, cs.....lb. 1.05 - —
Red (see Red).
Sulphide (see Yellow).
Caffeine, cns., cs., less than 1,000 lbs., contract..lb. 2.20 - 2.30
dms., 1,000 lbs. or over, contract..lb. 2.15 - —
Citrated, cns.....lb. 1.70 - 1.75
Hydrobromide, bots., jars...lb. 4.82 - 4.87
Calabar beans, bgs.....lb. .15 - .16
Calamus root, bleached, cs....lb. .45 - .50
Calcium acetate, bgs., dlvd..... 100 lbs. 2.10 - —
Arsenate, dms., c.l., consumers, S..lb. .06½- —
dealers, E. of Rockies..lb. .06¼- —
South .....lb. .06¼- —
jobbers, E. of Rockies.lb. .06 - —
South .....lb. .06 - —
l.c.l., consumers, S.....lb. .07¼- —
dealers, E. of Rockies, 1,000 lbs. or over..lb. .06¾- —
101 to 999 lbs.....lb. .07¾- —
100 lbs. or less.....lb. .08¼- —
South .....lb. .06¾- —
jobbers, E. of Rockies..lb. .06¾- —
South .....lb. .06¾- —
Calcium arsenate prices are works or whse basis, frt. alld. to dest. in lots of 90 lbs. or over; no frt. or truck, allowance for plant or whse. pick-up.
Calcium, bromide, jar.....lb. .60 - .62
Carbide, dms.....lb. .05 - .06
Carbonate (see Chalk and Whiting)
Chloride, flake, dom., 77-88%, bgs., dms., c.l., dlvd. ton.22.00 -35.00
l.c.l., 1 ton or over, dlvd..100 lbs. 1.70 - 2.35
liquor, basis 40%, tanks, works ton. 7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd..ton.20.00 -33.00
l.c.l., 1 ton or over, dlvd..100 lbs. 1.60 - 2.25
Gluconate, pharm., gran., powd., bbls. (125 lbs.)..lb. .50 - —
25 lbs.....lb. .57 - —
Glycerophosphate, bbls., kgs., 100 lbs..lb. 1.15 - —
Hypophosphite, cns.....,lb. .62 - .67
Iodide, bots., jars.....lb. 3.70 - 3.75
Lactate, USP, bbls.....lb. .25 - .26
Nitrate, bgs., to fert. mfrs., ex vessel..ton.26.10 - —
Palmitate, bbls.....lb. .21 - .22
Phosphate, dibasic, precip., 38-42% P_2O_5, c.i.f. Atlantic ports..unit-ton. .69 - —
tri-basic, precip., c.l., bbls., works..lb. .06½- —
l.c.l., bbls.....lb. .07½- —
Resinate, precip., bbls., 1 ton.lb. .13 - —
smaller lots.....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .18 - —
1 ton.....lb. .19 - —
smaller lots.....lb. .20 - —
Calcium, sulphate (see Gypsum)
Sulphide, 75%, CaS (minus 100 mesh, c.l., works..ton.52.00 - —
l.c.l. works.....ton.56.00 - —
83/85 CaC c.l., works..ton.58.00 - —
l.c.l., works.....ton.64.00 - —
luminous, dom., tins, works, lb. .75 - —
Sulphocarbolate, cs.....lb. .47 - .48
Calendula flowers, bls.....lb. .60 - .65
Calomel, bxs., kgs.....lb. 1.32 - —
Camphor, natural, powd., cs..lb. .53½- .54½
slabs, cs.....lb. .53½- .54½
tablets, tins .....lb. .57½- .58½
synthetic, dom., imp., gran., powd., bbls., 2,000 lbs..lb. .48½- —
500 lbs. .....lb. .50½- —
100 lbs. .....lb. .51½- —
tablets, cs., 2,000 lbs.....lb. .54 - —
500 lbs. .....lb. .56 - —
100 lbs. .....lb. .57 - —
Monobromate, bxs., kgs.....lb. 1.60 - 1.65
Canada balsam (see Fir balsam)
Canary seed, Argentine, bgs...lb. .06½- .06¾
Morocco, bgs.....lb. .06½- .07
Turkish, bgs.....lb. .06¾- .07¼
Canella alba bark, bls.....lb. .37 - .38
Cannabis herb, bls.....lb. .15 - .16
Cantharides, Chinese, cs.....lb. .60 - .65
powd., bxs.....lb. .85 - .90
Russian, cs.....lb. 1.50 - 1.55
powd., bxs.....lb. 1.80 - 1.85
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs.....lb. .06¼- .06¾
Carbazole, 70-80%, dms.....lb. .60 - —
90%, dms.....lb. .89 - —
98-99%, dms.....lb. .92 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
secondary, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works..lb. .33 - —
l.c.l., works .....lb. .34 - —
tanks, works .....lb. .32 - —
Methylpropyl, dms., works...lb. .60 - —
smaller lots, works.....lb. .75 - —
Dimethylethyl, dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Carbon bisulphide, dms.....lb. .05¼- .06½
tanks .....lb. .04½- —
Dioxide, cyls. .....lb. .06 - .08
Tetrachloride, 55-gal. or 110-gal., dms., c.l. (20 tons), frt. alld. E. of Miss. river, N. of Ohio river, including Ky., Va., W. Va..lb. .05¼- —
l.c.l., same basis.....lb. .05¾- —
10-gal. dms., c.l. (20 tons), same basis..lb. .07 - —
l.c.l., same basis.....lb. .08½- —
5-gal. dms., c.l. (20 tons), same basis..lb. .07 - —
l.c.l., same basis.....lb. .08½- —
tanks, same basis.....lb. .05 - —
Fire extinguisher liquid, 2½c. lb. higher.
Cardamom, bleached, cs.....lb. 1.00 - 1.30
decorticated, cs.....lb. 1.15 - 1.25
green, bgs.....lb. .95 - .98
Carvol, bots.....lb. 4.00 - 4.25
Cascara sagrada bark, bulk...lb. .12 - .13
Case-hardening mixture, 45%, gran., dms., l.c.l.....lb. .11¾- —
lump, dms., l.c.l.....lb. .10¾- —
30%, lump, dms, l.c.l.....lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd.....lb. .17 - —
5 tons, works.....lb. .17½- —
smaller lots, works.....lb. .18¼- —
80-100 mesh, bgs., c.l., dlvd.. lb. .17½- —
5 tons, works.....lb. .17¾- —
smaller lots, works.....lb. .18¾- —
import, Argent., 20-30 mesh, bgs., c.l., duty pd..lb. .17 - —
80-100 mesh, bgs., c.l., duty pd..lb. .17½- —
French, 30 mesh, bgs., c.l., duty pd..lb. .18 - .18½
Cassia, Batavia, 1, bgs.....lb. .13¾- .14¼
3, bls.....lb. .07¾- .08¼
short stick, bls.....lb. .12 - .12½
China, rolls, select, cs.....lb. .05¾- .06¼
broken, extra bls.....lb. .03¾- .04
Saigon, cs.....lb. .17½- .18
Cassia buds, cs.....lb. .13½- .14
Cassia fistula, bskts.....lb. .15 - .16
Castile soap, white, bars, cs., 40 lbs.20.00 - —
powd., bbls.....lb. .22 - .25
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots.....lb.19.00 - —
Castor oil (see Oil, castor)
Pomace, dom., 5½% ammon., bgs., c.l., works.....ton.18.50 - —
Import, bgs., c.i.f.,ports, shipment..ton No prices
Catnep leaves, bls.....lb. .21 - .22
Celery seed, French, bgs.....lb. .18 - .18½
Indian, bgs.....lb. .13 - .13½
Celluloid scrap, amber, cs.....lb. .12 - .13
black, cs., works.....lb. .08 - .09
China white, ivory, cs., works. lb. .12 - .13
dense white, cs., works....lb. .11 - .12
grey, cs., works.....lb. .09 - .10
mixed, mottles, opaques, cs., works..lb. .05 - —
shell-demi, cs., works.....lb. .09 - .10
translucent pastels, cs., works. lb. .13 - .14
transparent, cs., works....lb. .12 - .13
colors, cs., works.....lb. .08 - .09
Shavings, amber, cs., works.lb. .13 - —
colored, mixed, cs., works..lb. .09 - —
white, cs., works.....lb. .12 - —
Cellulose acetate, flake, cs., 2,000 lbs., works..lb. .55 - —
1,000 lbs., works.....lb. .56 - —
500 lbs., works.....lb. .57½- —
100 lbs., works.....lb. .60 - —
scrap, transparent,bgs.,works. lb. No stocks
Cement, white, bbls. (4 bags), 3 tons, dlvd. N.Y...bbl. 6.10 - —
truck dlvy.....bbl. 7.40 - —
less than 5 tons, truck dlvy. bbl. 8.00 - —
Cerium hydrate, dms., works..lb. .65 - —
Oxalate, USP, bbls., works..lb. .28 - —
kgs., works.....lb. .30 - —
Chalk, precip., ext. light, csks., c.l..lb. .03 - .04
heavy, csks., c.l.....lb. .03 - .04
light, csks., c.l.....lb. .02 - .04
Chamomile flowers, Hungarian, genuine, cs..lb. .23 - .24
Roman, bls.....lb. .28 - .30
Charcoal, softwood, powd., 80-100 mesh, bgs., c.l., dlvd. Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va. ton.28.40 - —
Conn., Me., Mass., N. H., R. I., Vt....ton.28.80 - —
Ill., Wis. .....ton.23.00 - —
Indiana .....ton.26.00 - —
Mich., Ohio, Penn..ton.27.80 - —
l.c.l. works.....ton.18.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls..lb. .01625- —
tanks .....lb. .02 - —
powd., bgs., works.....lb. .04½- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75% 300 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.00 -15.00
bulk, c.l., works..ton. 6.00 - —
99.75% 200 mesh, bgs., c.l., works..ton. 7.50 - —
l.c.l., works.....ton. 8.50 -14.50
wet-grd., silk-bolt, 99.9% 325 mesh, bulk, c.l., works..ton. 8.00 - —
paper bgs., c.l., works. ton.10.50 - —
import., white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila. ton.22.00 -25.00
powd., csks., l.c.l., ex dock ton.35.00 - —
ex whse.....ton.37.50 - —
Chloral hydrate, bots., 1,000 lbs. lb. .83 - .92
500 lbs.....lb. .86 - .95
100 lbs.....lb. .88 - .97
25 lbs.....lb. .90 - .99
1-10 lbs.....lb. .95 - 1.02
dms., 1,000 lbs.....lb. .80 - —
500 lbs.....lb. .82 - —
100 lbs.....lb. .85 - —

DOW EPSOM SALT, U.S.P. RECRYSTALLIZED

The customer at the druggist's counter asking for Epsom Salt, U.S.P. rarely learns that the sparkling white crystals he buys, in the majority of instances, are a Dow product.

Both he and the druggist, quite rightly, place their faith and confidence in the good name that appears on the package.

Nevertheless, though Dow remains unknown to thousands of druggists and millions of ultimate consumers, they still loom large in their importance to Dow. After all is said and done, they are our customers' customers. Therefore, they are ours.

It is this point of view that has caused Dow to bring to the production of Epsom Salt, U.S.P., Recrystallized, methods that produce a product of such purity, fine appearance and uniformity that it is respected by every manufacturer of pharmaceuticals.

Unretouched photograph (4 times enlargement) of Dow Epsom Salt, U.S.P. Recrystallized.

THE DOW CHEMICAL COMPANY
MIDLAND, MICHIGAN
Branch Sales Offices:
30 Rockefeller Plaza, New York City
Second and Madison Streets, St. Louis

A PARTIAL LIST OF DOW PHARMACEUTICAL CHEMICALS

Acetphenetidin, U.S.P. • Antipyrine, U.S.P. • Benzoic Acid, U.S.P. • Minor Bromides • Carbon Tetrachloride, C.P. • Chloroform, U.S.P. • Epsom Salt, U.S.P., Recrystallized • Ferric Chloride, U.S.P. (Solution or Crystals) • Glycine • Magnesium Sulphate, Desiccated • Phenol, U.S.P. • Acetyl Salicylic Acid, U.S.P. (Powder or Crystals) • Acetyl Salicylic Acid, Granulation, 10% starch (White, Pink, Green) also 16% and 20% starch (White) • Methyl Salicylate, U.S.P. • Salicylic Acid, U.S.P. • Sodium Salicylate, U.S.P. • Minor Salicylates • Sodium Benzoate, U.S.P. • Strontium Bromide, U.S.P., IX • Tetrachlorethylene, Purified • Trichloracetic Acid, U.S.P.

Chlorine, liq., cyls., c.l., dlvd., N.Y...lb. .05½- —
contracts., dlvd., N.Y...lb. .05½- —
l.c.l., dlvd., N.Y.....lb. .07½- —
tanks, single unit, works, frt. equald..100 lbs. 2.15 - —
multiple unit, 4 or over, wks., frt. equald.100 lbs. 2.30 - —
1-3, works, frt. equald... 100 lbs. 2.55 - —
Chloroacetophenone, tins, works.lb. 2.00 - —
Chloroform, tech., 650-lb. drums. lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. tins.....lb. .23 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —
Chloropicrin, coml., cyls., works, lb. .85 - .90
Chrome acetate, bbls.....lb. .06 - .08
Cake, bulk, c.l., works....ton.11.00 -12.00
Green (see Green, chrome)
Oxide (see Green, chrome oxide)
Sulphate, pearls, bxs., cns., fib. dms..lb. .40 - .45
powd., bxs., cns., fib. dms. lb. .40 - .45
scales, bxs., cns., fib. dms.lb. .45 - .50
Trioxide (see Acid, chromic)
Yellow (see Yellow, chrome)
Chrysarobin, cns.....lb. 3.25 1 3.50
Cinchona bark, chips, bgs.....lb. .25 - .30
high test, bgs.....lb. .45 - .50
quills, broken, bgs.....lb. .25 - .30
long, cs.....lb. .55 - .60
short, bgs.....lb. .50 - .55
Ecuador, tubes.....lb. .17 - .35
Cinchonidine, cryst., powd., cns.oz. .80 - .87
Sulphate, cns.....oz. .47 - —
Cinchonine, cryst., powd., cns.oz. .50 - .58
Sulphate, cns.....oz. .34 - —
Cincophen, USP., bbls.....lb. 2.64 - —
bxs., dms., kgs.....lb. 2.75 - 2.90
Cinnamic alcohol (see Alcohol, cinnamic)
Aldehyde, f.f.c., bots.....lb. 1.55 - 2.00
Cinnamon, Ceylon, 2 bls.....lb. .16¾- .17¼
3, bls.....lb. .15¾- .16¼
Citral, cns.....lb. 1.75 - 3.15
Citrine ointment, jars, tubes..lb. .70 - —
Citronellal, bots.....lb. 1.10 - 1.25
Citronellol, bots.....lb. 1.90 - 2.10
Clove, Madagascar, bls.....lb. .15¾- .16
Zanzibar, bls.....lb. .15¾- .16
Clover tops, bls.....lb. .12 - .13
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.25 - —
l.c.l., works.....bbl. 8.00 - —
tanks, works.....gal. .07 - .09
refd., bbls., c.l., works...bbl. 7.75 - —
l.c.l., works.....bbl. 8.50 - —
tanks, works.....gal. .08 - .10
water-gas, crude, dms., c.l., works..dm. 6 75 - —
l.c.l. works.....dm. 7.50 - —
tanks, works.....gal. .07 - .08
refd., dms., c.l., works..dm. 7.25 - —
l.c.l. works.....dm. 8.00 - —
tanks, works.....gal. .08 - .09
Cobalt acetate, bbls., dlvd.....lb. .58 - .60
kgs., dlvd.....lb. .65 - —
Carbonate, tech., bbls., dlvd.lb. 1.42½- —
Chloride, dms., works.....lb. .67¾- .72¾
Hydrate, bbls.....lb. 1.66 - 1.70
Linoleate, paste, 6%, dms...lb. .31½- —
solid, 8½%, bbls.....lb. .32½- —
Oleate, bbls.....lb. .26 - —
Oxide, black, kgs.....lb. 1.41 - 1.51
Resinate, fused, A. bbls.....lb. .13 - —
1%, bbls.....lb. .12½- —
2%, bbls.....lb. .16½- .17
3%, bbls.....lb. .17½- .18
precip., dms., dlvd.....lb. .30½- —
Sulphate, dms.....lb. .51 - .58
Cocaine hydrochloride, cns....oz. 9.75 -10.00
Cochineal, gray, bgs.....lb. .32 - .36
Teneriffe, silver, bgs.....lb. .33 - .37
Cocillana bark, bgs.....lb. .20 - .21
Cocoa butter, lump, bgs., c.l..lb. .19¼- .19½
Codeine, cns., 100 ozs.....oz.11.70 -11.75
Hydrochloride, cns., 100 ozs..oz.10.50 -10.55
Phosphate, cns., 100 ozs....oz. 9.00 - 9.05
Sulphate, cns., 100 ozs.....oz. 9.50 - 9.55
Codliver oil (see Oil, codliver)
Cohosh, black, root, bls.....lb. .07 - .07½
Blue, root, bls.....lb. .06 - .06½
Colchicine, vls.....oz.24.00 -26.00
Colchicum seed, bgs.....lb. .23 - .25
Collodion, USP, dms.....lb. .12 - .13
Flexible, USP, dms.....lb. .14 - .15
Colocynth pulp, bls.....lb. .60 - .65
Colombo root, bls.....lb. .11 - .12
Coltsfoot leaves, bgs.....lb. .09 - .10
Condurango bark, bgs.....lb. .09 - .10
Conium leaves, bls.....lb. .18 - .19
Copaiba balsam, Para, cns....lb. .19 - .20
S.A., USP, cns.....lb. .21 - .22
Copper carbonate, 52-59%, bbls.lb. .14½- .16¼
18-20%, bbls.....lb. .07 - .08
Chloride, bbls.....lb. .17 - .18
Cyanide, tech., bbls.....lb. .37 - .38
Iodide, bots.....lb. 4.97 - 5.02
Metal, electrolytic.....lb. .09¾- —
Oleate, precip., bbls.....lb. .20 - —
Oxide, black, bbls., tons, works, lb. .14½- —
smaller lots, works.....lb. .15 - —
Red, com'l, 50-75%, kgs., c.l., f.o.b. N.Y..lb. .14 - —
l.c.l., f.o.b. N. Y....lb. .15 - —
Resinate, precip., bbls.....lb. .18 - .19
Stearate, precip., bbls.....lb. .35 - .40
Sulphate (see Blue vitriol)
Copperas, cryst., gran., bgs., c.l., works..ton.14.00 -15.00
bbls., c.l., works.....ton.16.00 -17.00
l.c.l., 25 or over, works.... 100 lbs. 1.35 - —
5-24, works .....100 lbs. 1.50 - —
1-4, works .....100 lbs. 2.00 - —
bulk, c.l., works.....ton.12.00 -13.00
Copra, bgs., Pacific Coast.....lb. .0345-.0350
Coriander seed, Morocco, bgs..lb. .04½- .05
bleached, bgs.....lb. .06¼- .06¾
Russian, bgs.....lb. No stocks.
Corn sugar, tanners, bbls., dlvd. 100 lbs. 4.03 - —
ex whse.....100 lbs. 3.93 - —
Syrup, 42°, bbls.....100 lbs. 3.95 - —
43°, bbls.....100 lbs. 4.05 - —
Cornsilk, bls.....lb. .07½- .08
Corrosive sublimate, cryst., bxs., fib. dms., kgs..lb. 1.14 - —
gran., bxs., fib. dms., kgs....lb. .99 - —
powd., bxs., fib. dms., kgs....lb. .99 - —
Cottonroot bark, bls.....lb. .12 - .13
Cottonseed hull ash, 25-30% pot-ash bulk, dlvd..unit-ton. 1.06 - —
Coumarin, cns.....lb. 3.10 - 3.35
Cramp bark, genuine, bls.....lb. .20 - .21
so-called, bls.....lb. .07 - .08
Cranesbill root, bls.....lb. .10 - .11
Cream tartar, cryst., bbls.....lb. .16¾- .17¼
kgs.....lb. .17¼- .17¾
gran., bbls.....lb. .16¼- .16¾
kgs.....lb. .16¾- .17¼
powd., bbls.....lb. .16¼- .16¾
kgs.....lb. .16¾- .17¼

Creosote, wood, beech., bots..lb. .70 - .75
pine, dms.....gal. .28 - —
USP, bots.....lb. .45 - .47
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Oil, crude, I, tanks, works.gal. .12½- .13½
II (coaltar solution), tanks, works..gal. .109 - .12
refd., bbls., c.l., works..gal. .22½- —
l.c.l., works.....gal. .25 - —
tanks, works.....gal. .18 - .18½
Cresol, USP., dms.....lb. .10 - .10½
Crotonaldehyde, tech., dms., c.l., works..lb. .26 - —
l.c.l., works.....lb. .30 - —
Cube root, powd., 5% rotenone, bbls., 5 tons, E. of Rockies, f.o.b. N. Y., Balto..lb. .33¼- —
1 ton, same basis.....lb. .35 - —
1,000 lbs., same basis..lb. .36 - —
1 bbl., same basis.....lb. .38 - —
4% rotenone, bbls., 5 tons, same basis..lb. .28¼- —
1 ton, same basis.....lb. .30 - —
1,000 lbs., same basis.lb. .31 - —
1 bbl., same basis.....lb. .33 - —
3% rotenone, bbls., 5 tons same basis..lb. .24¼- —
1 ton, same basis.....lb. .26 - —
1,000 lbs., same basis.lb. .27 - —
1 bbl., same basis.....lb. .29 - —
Cubeb berries, XX, bgs.....lb. .35 - .36
powd., cs.....lb. .39 - .40
Culver's root, bls.....lb. .16 - .17
Cumin seed, Algerian, bgs....lb. .08¾- .09¼
Indian, bgs.....lb. .09¼- .09¾
Morocco, bgs.....lb. .09¼- .09¾
Cutch, Philippine, bls., c.l....lb. .04 - —
Cyanamide, 21-22% N., dom., pulv., bgs., f.o.b. Gulf ports, dlvd, interior, NH_3 unit. 1.07½- —
Atlantic ports, NH_3 unit. 1.03 - —
Cyanide-chloride mixture, 75%, gran., dms..lb. .16 - .17
lump, dms.....lb. .14 - .15

D

Damiana leaves, bls.....lb. .13 - .14
Dandelion root, German, bls..lb. .20 - .21
Deertongue leaves, bls.....lb. .08 - .09
Degras, common, dom., bbls..lb. .05½- .06
English, bbls.....lb. .06 - .06½
Japanese, bbls.....lb. .07¼- .07¾
neutral, dom., bbls.....lb. .08½- .10½
English, bbls.....lb. .09 - .09½
Derris root, powd., 5% rotenone, bbls., 5 tons, E. of Rockies, f.o.b. N. Y., Balto. .....lb. .43 - —
1 ton, same basis.....lb. .44 - —
1,000 lbs., same basis.lb. .46 - —
1 bbl., same basis.....lb. .48 - —
4% rotenone, bbls., 5 tons, same basis..lb. .37 - —
1 ton, same basis.....lb. .38 - —
1,000 lbs., same basis.lb. .40 - —
1 bbl., same basis.....lb. .42 - —
3% rotenone, bbls., 5 tons, same basis..lb. .32 - —
1 ton, same basis.....lb. .33 - —
1,000 lbs., same basis.lb. .35 - —
1 bbl., same basis.....lb. .37 - —
Dextrin, British gum, bgs., c.l., f.o.b. Chicago..100 lbs. 4.75 - —
l.c.l., f.o.b. Chicago..100 lbs. 5.05 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 4.50 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.70 - —
white, bgs., c.l., f.o.b. Chicago 100 lbs. 4.45 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.75 - —
Potato, import., bgs.....lb. .07¾- .08¾
Tapioca, bgs., ex whse.....lb. .08 - —
Diamyl ether, dms., c.l., works, lb. .085 - —
l.c.l., works .....lb. .092 - —
tanks, works .....lb. .075 - —
oxalate, dms., l.c.l., works...lb. .30 - —
Phthalate, dms., c.l., dlvd..lb. .19 - —
l.c.l., dlvd. .....lb. .19½- —
5-gal. dms., works.....lb. .23 - —
tanks, dlvd. .....lb. .18 - —
Sulphide, dms., l.c.l., works.lb. 1.10 - —
Diamylamine, dms., l.c.l. works lb. .75 - —
Diamylene, dms., c.l., works.lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works .....lb. .083 - —
Dianisidin, bbls. .....lb. 2.25 - 2.45
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works, ton.22.00 -85.00
l.c.l., ex whse.....ton.45.00 -150.00
import., bgs., c.l., f.o.b. N.Y. ton.40.00 - —
Dibutyl phthalate, dms.....lb. .18 - .18½
Tartrate, dom., dms.....lb. .35 - .40
import., dms. .....lb. .80 - .85
Dicalcium phosphate (see Calcium phosphate, dibasic)
Dichloroethyl ether, dms., c.l., works..lb. .16 - —
l.c.l., works .....lb. .17 - —
tanks, works .....lb. .15 - —
Dichloropentanes, dms., c.l., works..lb. .032- —
l.c.l., works .....lb. .04 - —
tanks, works .....lb. .025- —
Diethanolamine, dms. .....lb. .31 - .35
Diethyl carbonate, coml., dms.lb. .31¾- —
refd., 99%, dms.....lb. .50 - —
Carbinol (see Carbinol)
Phthalate, dms., c.l.....lb. .18½- —
l.c.l. .....lb. .19 - —
tanks .....lb. .17½- —
Diethylanilin, dms. .....lb. .52 - .54
Diethylene oxide, dms., c.l., works lb. .20 - —
l.c.l., works .....lb. .21 - .24
tanks, works .....lb. .19 - —
Diethyleneglycol, dms., c.l., works lb. .16½- —
l.c.l., works .....lb. .17½- —
Monobutylether, dms., works.lb. .26 - .27
Monoethylether, dms., c.l., works..lb. .16 - —
l.c.l., works .....lb. .17 - —
tanks, works .....lb. .15 - —
Digitalis leaves, dms.....lb. .23 - .25
Diglycol oleate, light, bbls....lb. .24 - —
Dill seed, dewhiskered, polished, bgs..lb. .07 - .07½
recleaned, bgs. .....lb. .06¾- .06¾
Dimethyl phthalate, dms.....lb. .19½- .20
Dimethylanilin, dms. .....lb. .29 - .30
Dimethylethyl carbinol (see Carbinol)
Dinitrobenzene, bbls. .....lb. .17 - .17½
purified, bbls. .....lb. .19 - .19½
Dinitrochlorobenzene, bbls. ...lb. .14½- .15½
Dinitronaphthalene, kgs. .....lb. .35 - .38
Dinitrophenol, bbls. .....lb. .23 - .24
Dinitrotoluene, dms. .....lb. .15½- .16½
oily, dms. .....lb. .08½- .10
Diorthotoluolguanidin, dms., 2,000 lbs. or over, dlvd .....lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dip oil (see Tar acid oil)
Dipentene, dms. .....gal. .47 - .50
tanks .....gal. .41 - —
Diphenyl, bbls., c.l., works....lb. .15 - —
l.c.l., works .....lb. .20 - .25

Diphenyl, oxide, bots.....lb. .70 - 1.00
Diphenylamine, bbls. .....lb. .31 - .32
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Diphenylmethane, bots. .....lb. 1.40 - 2.00
Disodium phosphate (see Soda phosphate, dibasic)
Divi-divi, bgs., shipment....ton.32.00 -35.00
Extract, 25% tan., bbls.....lb. .05 - .05½
Doggrass root, cut, bls.....lb. .12 - .13
Dogwood bark, dom., bls.....lb. .04 - .05
Jamaica, bls. .....lb. .06½- .07
Dover's powder, USP, cns....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .85
reeds, thin, cs.....lb. .90 - 1.00
Duboisine sulphate, vls.....oz.34.50 -35.00
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
36 Chrome yellow 2G.....lb. .65 - .70
40 Chrome yellow R.....lb. .90 - 1.00
53 Victoria violet .....lb. .90 - 1.00
165 Lake red C.....lb. 1.15 - 1.25
176 Fast red A.....lb. .69 - .75
180 Fast red VR.....lb. 1.50 - 1.65
189 Lake red R, paste.....lb. .85 - .90
189 Lake red R, powdered..lb. 3.00 - 3.10
202 Chrome blue black U..lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B...lb. .80 - .85
328 Direct fast scarlet.....lb. 2.00 - 2.25
364 Paper yellow .....lb. .83 - .90
365 Chrysophenin G.....lb. .58 - .70
394 Direct violet N.....lb. 1.25 - 1.50
382 Direct scarlet B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.30
401 Developed black BHN..lb. .50 - .75
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B....lb. .40 - .42½
495 Benzo purpurin 10B....lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B...lb. 1.10 - 1.25
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black FF..lb. .55 - 1.00
581 Direct black EW.....lb. .25 - .50
582 Direct black RX.....lb. .35 - .45
593 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO.....lb. .35 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
608 Acid violet .....lb. 1.00 - 3.00
812 Primulin .....lb. .50 - .52
814 Direct fast yellow....lb. 2.00 - 2.25
845 Nigrosin (water soluble).lb. .35 - .50
1177 Indigo, 20 p.c., paste...lb. .15 - .18
Benzo fast black L...lb. .90 - 1.00
Sulphur black .....lb. .20 - .25
Sulphur blue .....lb. .40 - 1.00
Sulphur brown .....lb. .25 - .50
Sulphur maroon .....lb. .40 - —
Sulphur olive .....lb. .25 - .54
Sulphur tan .....lb. .30 - .50
Sulphur yellow .....lb. .30 - .50
Zambesi black .....lb. .75 - .80
Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
865 Nigrosin derivatives.lb. .42 - —
Blue:—
1075 Alizarin astrol base.lb.15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
729 Victoria blue.....lb. .75 - —
Browns:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
.... Green .....lb. .75 - —
Orange:—
24 Sudan I.....lb. .70 - —
.... Orange, red shade..lb. .75 - —
Red:—
73 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
1080 Anthroquinone violet base..lb. 6.00 - —
680 Oil violet .....lb. .50 - —
Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow, lb. .75 - —
61 Yellow OB.....lb. 1.40 - —
Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
864 Nigrosin .....lb. .40 - —
Blue:—
729 Victoria blue .....lb. 2.55 - —
860 Indulin .....lb. .70 - —
Brown:—
331 Bismarck brown ....lb. 1.50 - —
Green:—
637 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .95 - —
Red:—
677 Fuchsin, magenta base. lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
17 Amidoazotoluene yellow—lb. .75 - —
655 Auramine .....lb. 2.00 - —
900 Chinolin yellow SS..lb. 3.00 - —
Violet:—
680 Methyl violet.....lb. 1.30 - —
Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S. lb. .50 - —
865 Nigrosin .....lb. .36 - —
873 Methylene gray .....lb. 1.50 - —
Blue:—
714 Patent blue A.....lb. 1.60 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin .....lb. .87 - —
909 New blue R.....lb. 1.30 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .25 - —
Brown:—
234 Resorcin brown Y...lb. .65 - —
235 Resorcin dark brown R. lb. .66 - —
231 Bismarck brown G..lb. .52 - —
332 Bismarck brown R..lb. .37 - —
703 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B...lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B..lb. 1.55 - —
1078 Alizarin cyanin green. lb. 2.25 - —

Chlorine—Film Scrap

Dyes, coaltar, for stains (numbers are those of Colour Index scale):—
Orange:—
10 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .30 - —
161 Orange R.....lb. .34 - —
Red:—
31 Amidonaphthol red G. lb. .42 - —
57 Amidonaphthol red 6B. lb. .68 - —
79 Ponceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A.....lb. .54 - —
179 Azorubin .....lb. .52 - —
183 Crocein scarlet 3BX.lb. .60 - —
185 Cochineal red A.....lb. .60 - —
252 Brilliant crocein M.lb. .68 - —
677 Fuchsin .....lb. 1.90 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6G.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Violet:—
680 Methyl violet B.....lb. .82 - —
681 Crystal violet C.....lb. 1.75 - —
695 Acid violet 4BN....lb. .88 - —
Yellow:—
10 Naphthol yellow S..lb. .88 - —
138 Metanil yellow.....lb. .53 - —
636 Fast light yellow...lb. 1.25 - —
639 Xylene light yellow.lb. 1.15 - —
640 Tartrazin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .19 - .20
Egg albumen (see Albumen).
Yolk, dom., cs.....lb. .68 Nom.
import, cs.....lb. .50 - .52
Elder flowers, bright, bls.....lb. .19 - .20
dark, bls.....lb. .18 - .19
Elecampane root, bls.....lb. .09 - .10
Elm bark, grinding, bls.....lb. .11 - .12
powd., bbls., bxs.....lb. .20 - .21
select, bndls., cs.....lb. .17 - .18
Emetine hydrochloride, bots., vls. oz.15.00 -15.25
Ephedra, bls.....lb. .06 - .07
Ephedrine, tins, 100 ozs.....oz. 1.00 - —
Hydrochloride, tins, 100 ozs..oz. 1.00 - —
Sulphate, cryst., tins, 100 ozs.oz. 1.00 - —
powd., tins, 100 ozs.....oz. 1.05 - —
Epsom salt, tech., bgs....100 lbs. 1.70 - —
bbls. .....100 lbs. 1.80 - —
USP, cryst., dom., bgs., c.l. 100 lbs. 1.90 - —
bbls., c.l.....100 lbs. 2.00 - —
l.c.l. .....100 lbs. 2.35 - 2.60
import, bgs.....100 lbs. 2.00 - —
dried, dom., bgs., l.c.l...lb. .06 - .08
Ergot, USP, cs., dms.....lb. 2.25 Nom.
Eserine, bots., vls.....oz.42.00 -42.25
Salicylate, bots., vls.....oz.29.00 -29.25
Sulphate, bots., vls.....oz.30.00 -30.25
Ether, acetic, dms.....lb. .10 - .11
Ethyl (see Ether, sulphuric)
Nitrous, conc., bots.....lb. .75 - .77
Sulphuric, conc., dms.....lb. .09 - —
synth., dms., c.l., works...lb. .08 - —
l.c.l., works.....lb. .09 - —
USP, anesthesia, dms.....lb. .26 - .27
USP, 1880, dms.....lb. .29 - .40
washed, dms.....lb. .37 - .38
Ethyl acetate, dms., c.l., frt. alld. lb. .07½- —
l.c.l., frt. alld.....lb. .08 - —
tanks, frt. alld.....lb. .06½- —
anhyd., dms., c.l., frt. alld..lb. .08½- —
l.c.l., frt. alld.....lb. .09 - —
tanks, frt. alld.....lb. .07½- —
Bromide, tech., dms.....lb. .50 - .55
Caproate, cns.....lb. 1.00 - —
Chloride, dms.....lb. .22 - .24
Cinnamate, bots.....lb. 3.40 - 4.25
Crotonate, dms., works.....lb. 1.00 - 1.25
Formate, dms.....lb. .27 - .28
Iodide, bots.....lb. 5.55 - 5.60
Lactate, 95-gal. dms., works.lb. .33 - —
5-gal. dms., works.....lb. .36 - —
Oxalate, dms.....lb. .30 - .34
Ethylbenzylanilin, dms. .....lb. .88 - .90
Ethylene bromide, dms.....lb. .65 - .70
Dichloride, dms., dlvd.....lb. .05½- .0604
Ethyleneglycol, dms., c.l.....lb. .17 - —
l.c.l. .....lb. .18 - .21
tanks .....lb. .16 - —
Monobutylether, dms., c.l., works lb. .20 - —
l.c.l., works .....lb. .21 - .24
tanks, works .....lb. .19 - —
Monoethylether, dms., c.l., works lb. .16 - —
l.c.l., works .....lb. .17 - —
tanks, works .....lb. .15 - —
Monoethylether acetate, dms., c.l., works..lb. .14 - —
l.c.l., works .....lb. .15 - —
tanks, works .....lb. .13 - —
Monomethylether, dms., c.l., works..lb. .19 - —
l.c.l., works .....lb. .20 - .23
tanks, works .....lb. .18 - —
Ethylidinanilin, dms. .....lb. .45 - .47½
Ethylmethyl ketone, dms., c.l., frt. pd..lb. .07½- —
l.c.l., frt. pd.....lb. .08 - —
tanks, frt. pd.....lb. .06½- —
Ethylorthoparatoluenesulphonamide, bbls..lb. .55 - —
Ethylparatoluenesulphonamide, bbls..lb. .60 - —
Eucalyptol, cns., dms.....lb. .46 - .48
Eucalyptus leaves, bls.....lb. .06 - .07
Eugenol, cns. .....lb. 1.85 - 1.95
Euphorbia, bls.....lb. .06 - .06½

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -15.00
glass, 30 mesh, bulk, works.ton.11.00 -12.50
pottery, bulk, Me. works...ton.17.00 -19.00
N.C. works.....ton.17.00 -19.00
Fennel seed, French type, bgs. lb. .07½- .08
India bgs.....lb. .07½- .09
German, large, bgs.....lb. .13 - .16
small, bgs.....lb. .13 - .14
Fenugreek seed, bgs.....lb. .04½- .05
Ferric sulphate, dms., works..ton.35.00 -40.00
Film scrap, colors, dark, cs., 1,000 lbs. or over, E. works lb. .13½- .15
smaller lots, E. works. lb. .12½- .14
light, cs., 1,000 lbs. or over, E. works..lb. .14 - .16
smaller lots, E. works.lb. .15 - .16
water white, cs., 1,000 lbs. or over, E. works..lb. .15 - .19
smaller lots, E. works.lb. .16 - .19
Film scrap prices f.o.b. Calif. works, 1c. lb. lower.

Fir Balsam—Guarana

Fir balsam, Canada, cns....gal. 9.00 -10.00
Oregon, bbls....gal. .90 - 1.10
Fish berries, bgs....lb. .10 - .11
Fish scrap, menhaden, dried, 11-13% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures unit-ton. 3.25 & .10
grd., 11-12% ammon., 16% bone phos., bgs., f.o.b. Balto..ton.47.00 -48.00
wet, acidulated, 6-7% ammon., 5-4% phosphor. acid, bulk, E. Cst. factories, contracts ....unit-ton. No price
sardine, meal, Calif., 12-13% ammon., bgs., c.i.f. E. Cst. ports..unit-ton. No prices.
Japanese, 11½% ammon., bgs., c.i.f. ports, shipt., No. 1 grade..ton.42.50 - —
Flake white, bbls., kgs....lb. .09½- .10½
Flaxseed, French, black, bgs..lb. .12½- .13
Indian, blonde, bgs....lb. .09 - .09¼
Fluorspar, enamel, 90-98%, bgs.. ton.31.00 -35.00
standard, gravel, washed, 85 and 5%, dom., bulk, f.o.b. Ill., Ky. mines.. ton.18.00 - —
import., bulk, Atlantic ports, duty-paid..tcm.21.25 -42.75
lump., 85 and 5%, dom., bulk, f.o.b. Ill., Ky. mines..ton.20.00 - —
powd., 97%, import., bgs., Atlantic ports, duty paid..ton.31.00 -33.00
Formaldehyde, bbls., c.l., works. lb. .06 - —
l.c.l., works....lb. .06½- .07
Fringetree bark, bls....lb. .11 - .12
Fuller's earth, dom., bgs., c.l., f.o.b. Fla., Ga. mines..ton.10.00 - —
import., bgs., c.l., ex dock..ton.23.00 - —
l.c.l., ex whse....ton.30.00 - —
Furfural, refd., dms., c.l., works lb. .15 - —
l.c.l., works....lb. .17½- .25
tech., dms., contracts, 150,000 lbs., works..lb. .10 - —
c.l., works....lb. .12½- —
Fusel oil, refd., dms. incl., dlvd. lb. .10 - .12
Fustic extract, cryst., bbls...lb. .20 - .22
liquid, bbls....lb. .06½- .09
solid, dms....lb. .16 - .18

G

G salt, bbls....lb. .45 - .47
Galangal root, bls....lb. .06 - .08
Gall extract, bbls....lb. .18 - .20
Gambier, common, bgs....lb. No prices.
plantation, bgs....lb. .09 Nom.
Cubes, Singapore, bgs....lb. .07 - .08½
Extract, bbls....lb. .09 .10
Gasoline, at refinery:—
Bayonne, US motor, 62-63 octane, tanks..gal. .06⅝- —
65 octane, tanks....gal. .07 - —
above 65 octane, tanks.gal. .07⅝- —
California, 56-58, 375 e.p., tanks..gal. .05 - —
Gulf Coast, US motor, bulk, export..gal. .05½- —
60-62, 390 e.p., bulk, export. gal. .05⅝- —
60-62, 400 e.p., bulk, export. gal. .05½- —
64-66, 375 e.p., bulk, export. gal. .05½- —
Gasoline, at refinery, Louisiana-Arkansas, US motor, tanks. gal. .04½- .04⅝
59-60, 400 e.p., tanks...gal. .04⅝- .04¾
64-66, 375 e.p., tanks...gal. .05⅛- .05⅜
68-70, 350 e.p., tanks...gal. .04⅝- .04⅝
Oklahoma-Texas, US motor, 62 octane and below, tanks..gal. .04½- .04⅝
63-67 octane, tanks....gal. .04⅝- .04⅞
68-70 octane, tanks....gal. .05½- .05⅝
60-62, 400 e.p., tanks....gal. .04⅝- .04⅝
64-66, 375 e.p., tanks....gal. .05⅝- .05½
natural, 12-lb. v.p., tanks. gal. .05¼- .06⅝
14-lb. v.p., tanks....gal. .03½- —
18-lb. v.p., tanks....gal. .0420- .04½
22-lb. v.p., tanks....gal. .04⅞- .05
26-70-lb. v.p., tanks...gal. .04¼- .04½
Pennsylvania, US motor, tanks. gal. .05⅞- —
52-54, 450 e.p., naphtha, tanks..gal. .05⅝- —
60-62, 400 e.p., strt. run, tanks..gal. .06 - —
Gasoline, tankwagon and service station (Federal and State taxes included):—

	T.W.	S.S.
Atlanta ....gal.	.206	.226
Boston ....gal.	.14	.16
Chicago ....gal.	.152	.172
Cincinnati ....gal.	.175	.195
Denver ....gal.	.19	.21
Louisville ....gal.	.19	.21
Minneapolis ....gal.	.158	.178
New Orleans....gal.	.185	.22
New York....gal.	.15	- .182
San Francisco....gal.	.17	.18

Gelatin, silver, cs....lb. .50 - .55
Gelsemium root, bls....lb. .12 - .13
Gentian root, bls....lb. .11½- .13
grd., bbls., bxs....lb. .13 - .14
powd., bbls., bxs....lb. .14 - .15
Geraniol, cns....lb. .75 - 3.00
Geranyl acetate, bots....lb. 1.75 - 2.50
Ginger root, Africa, bgs....lb. .15½- .16
Cochin, lemon, bgs....lb. .17⅝- .18¼
Jamaica, bold, bgs....lb. .19 - .21
grinding, bright, bgs....lb. .13½- .14
medium, bold, bgs....lb. .15¼- .15⅝
Japanese, bgs....lb. .16½- .17
Ginseng fibers, cs....lb. 1.75 - 3.00
Root, cultivated, cs....lb. 2.00 - 4.00
wild, Southern, cs....lb. 6.00 - 7.00
Glauber's salt, anhyd. (see Soda sulphate).
cryst., dom., bgs., 5 tons or over..100 lbs. .85 - —
smaller lots....100 lbs. 1.00 - —
bbls., 5 tons or over.... 100 lbs. .95 - —
smaller lots....100 lbs. 1.10 - —
import., bgs....100 lbs. 1.05 - 1.95
Glue, bone, calcimine type, 34 millipoise, 20 jelly-grams, bgs., c.l., dlvd..lb. .11 - —
l.c.l., dlvd....lb. .11½- —
28/55, bgs., c.l., dlvd....lb. .11½- —
l.c.l., dlvd....lb. .13 - —
56/82, bgs., c.l., dlvd....lb. .12½- —
l.c.l., dlvd....lb. .13 - —
82/108, bgs., c.l., dlvd....lb. .13 - —
l.c.l., dlvd....lb. .13½- —
Hide, calcimine type, 58 millipoise, 120 jelly grams, bgs., c.l., dlvd. East, Midwest..lb. .12½- —
l.c.l., same basis....lb. .14 - —
60/164, bgs, c.l., same basis.lb. .15 - —
l.c.l., same basis....lb. .15½- —
67/192, bgs, c.l., same basis.lb. .16 - —
l.c.l., same basis....lb. .16½- —
75/222, bgs., c.l., same basis.lb. .17 - —
l.c.l., same basis....lb. .18 - —
83/251, bgs., c.l., same basis.lb. .18 - —
l.c.l., same basis....lb. .19 - —
92/283, bgs., c.l., same basis.lb. .19 - —
l.c.l., same basis....lb. .20 - —
102/315, bgs., c.l., same basis lb. .19½- —
l.c.l., same basis....lb. .20½- —
112/347, bgs., c.l., same basis lb. .20½- —
l.c.l., same basis....lb. .21½- —
125/379, bgs, c.l., same basis lb. .21½- —
l.c.l., same basis....lb. .22½- —
Glue prices for barrel packing, ½c. lb. higher; grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.
Glycerin, C. P., cns., l.c.l....lb. .21½- .22½
dms., extra, c.l....lb. .19½- —
l.c.l....lb. .20 - .21
dynamite, dms., extra, c.l....lb. .19½- —
l.c.l....lb. .20 - .21
saponification, basis 88%, dms. returnable, dlvd..lb. .15½- .16½
soapiye, basis 80%, dms. returnable, dlvd..lb. .14 - .15
yellow, distilled, dms. extra, c.l. lb. .19½- —
l.c.l....lb. .19½- —
Glycol boriborate, dms....lb. .22 - —
Phthalate, dms....lb. .29 - —
Stearate, dms....lb. .28 - —
Gold, U.S. purchase price....oz.35.00 - —
Chloride, acid, brown, bots..oz.21.75 -22.00
yellow, bots....oz.19.75 -20.00
Gold-soda chloride, photo., bots. oz.13.00 - —
USP IX, bots....oz.14.50 -14.75
Gold of pleasure seeds, bgs....lb. No stocks.
Golden seal root, bls....lb. 2.85 - 2.90
powd., bxs....lb. 3.00 - 3.06
Grains of paradise, bgs....lb. .09 - .10
Graphite, flake (cryst.), 90% 325 mesh, 50% graphitic carbon, bgs., c.l., works..lb. .05 - —
bbls., c.l., works....lb. .05¼- —
l.c.l., works....lb. .05½- —
powd., 90% 325 mesh, 65% graphitic carbon, bgs., c.l., works..lb. .02½- —
bbls., c.l., works....lb. .02⅝- —
l.c.l., works....lb. .03¼- —
80% graphitic carbon, bgs., c.l., works..lb. .03½- —
bbls., c.l., works....lb. .03⅝- —
l.c.l., works....lb. .04½- —
Grease, house, trcs....lb. .06½- .06⅞
white, trcs....lb. .07½- .08⅝
yellow, trcs....lb. .06½- .08⅛
Wool (see Adeps lanae and Degras)
Green, chrome, C.P., dark, light, medium, blue content up to 5% bbls., dlvd. N. of Tenn. and N. C. R. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .20 - —
6-10%, bbls., same basis.lb. .21 - —
11-15%, bbls., same basis.lb. .23 - —
16-20%, bbls., same basis.lb. .23½- —
21-25%, bbls., same basis.lb. .23 - —
26-30%, bbls., same basis.lb. .23½- —
31-35%, bbls., same basis.lb. .24½- —
36-40%, bbls., same basis.lb. .26 - —
41-45%, bbls., same basis.lb. .27½- —
46-50%, bbls., same basis.lb. .29 - —
over 50%, bbls., same basis lb. .30 - —
Chrome and chrome oxide greens prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1½c. higher dlvd. Texas (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.
reduced C.P. color content up to 5%, bbls., same basis.lb. .05¾- —
6-10%, bbls., same basis.lb. .06½- —
11-15%, bbls., same basis.lb. .07 - —
14-16%, bbls., same basis.lb. .07½- —
17-19%, bbls., same basis.lb. .07½- —
20-21%, bbls., same basis.lb. .07⅝- —
22-23%, bbls., same basis.lb. .08 - —
24-25%, bbls., same basis.lb. .08½- —
26-27%, bbls., same basis.lb. .08½- —
28-29%, bbls., same basis.lb. .09 - —
30-31%, bbls., same basis.lb. .09⅝- —
32-33%, bbls., same basis.lb. .11 - —
34-35%, bbls., same basis.lb. .12 - —
36-40%, bbls., same basis.lb. .14 - —
41-45%, bbls., same basis.lb. .16 - —
46-50%, bbls., same basis.lb. .16½- —
51-55%, bbls., same basis.lb. .17 - —
56-60%, bbls., same basis.lb. .17½- —
61-65%, bbls., same basis.lb. .18 - —
66-70%, bbls., same basis.lb. .19 - —
71-75%, bbls., same basis lb. .20 - —
Chrome oxide, dom., pure, bbls., contract for open order, c.l., same basis as chrome CP....lb. .18½- —
l.c.l. same basis....lb. .19½- .21½
ceramic, light shades, bbls., c.l., works..lb. .20 - —
l.c.l., works....lb. .22 - —
standard grade, bbls., works..lb. .22 - —
import, bbls., kgs., f.o.b. N.Y..lb. .21 Nom.
Paris (see P)
Verdigris (see V)
Green dyes are listed under Dyes.
Grindelia robusta, bls....lb. .06½- .10
Guaiac resin, cs....lb. .45 - .50
strained, cs....lb. .95 - 1.00
Wood, cs....lb. .04 - .05
Guaiacol, liq., djns....lb. 1.65 - 1.90
Carbonate, bxs., kgs....lb. 2.15 - 2.40
Guarana, powd., cs....lb. .65 - .70

"The Spirit of the Nation"

Did *General Stark* Utter a Famous Battle Cry?

IT SEEMS that when General Burgoyne was beseiged near Saratoga on his northern invasion of the American colonies, in 1777, he sent a detachment of five hundred men, under Colonel Frederick Baum, to seize American stores at Bennington, Vermont. Near Bennington, on August 16, Colonel Baum was attacked by General Stark, at the head of a body of Massachusetts and New Hampshire militia.

That much of the historical record is doubtless accurate. But just before the battle near Bennington began, General Stark is supposed to have given a hitch to his suspenders and shouted to his men: "There they are, boys. We beat them today or *Molly Stark's a widow!*"

It was a good line, indicating that General Stark had a commendable sense of the dramatic. But in later years historians began to dig into records and somebody discovered that General Stark's wife was not named Molly. Neither was she named Millie, Mary, or anything that sounded like Molly. Her name happened to be Elizabeth!

Regardless of what he did say, General Stark was on the job. He served his country well and typified the spirit of the nation.

Science and industry today look to the name of Rossville—"the Spirit of the Nation"—for the finest alcohols the world has ever produced. Write for details about the type of Rossville Alcohol best suited for your particular purpose.

COMMERCIAL SOLVENTS CORPORATION

NEW YORK CENTRAL BLDG., NEW YORK, N. Y.

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Products of Commercial Solvents Corporation, including Rossville Alcohols, are available in mixed carloads and in compartment tank cars, as well as in cans, drums, carloads, and tank cars.

Gum, aloe (see A)
Ammoniac, tears, cs.....lb. .90 - .95
Arabic, amber sorts, cleaned, bgs..lb. .09¾- .10
white, sorts, 1, bgs.....lb. .27 - .28
2, bgs.....lb. .25 - .26
powd., bbls.....lb. .13 - .14
Asafetida (see A)
Asphaltum (see A)
Benzoin, Siam, cs.....lb. 1.15 - 1.65
Sumatra, cs.....lb. .16 - .17
Camphor (see C)
Chicle, bgs.....lb. .35 - .40
Copal, Congo 1, water white, transparent, bgs., c.l., ex dock or ex whse., N.Y. or San Fran....lb. .42½- —

Copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ½c. higher for 10 bgs. or over; ½c higher for 1-9 bgs.

1, cloudy white, bgs., c.l., same basis..lb. .28½- —
3, selected pale straw bold, bgs., c.l. same basis..lb. .19½- —
4, pale bold straw, bgs., c.l., same basis..lb. .17½- —
5, pale straw bold, bgs., c.l., same basis..lb. .14½- —
6, pale amber bold, bgs., c.l., same basis..lb. .12½- —
7, pale straw bold, bgs., c.l., same basis..lb. .14½- —
8, light amber bold, bgs., c.l., same basis..lb. .11½- —
9, medium light amber bold, bgs., c.l., same basis..lb. .09 - —
10, roscraped hard amber bold, bgs., c.l., same basis lb. .09½- —
11, hard dark amber bold, bgs. c.l., same basis..lb. .07½- —
12, selected bold sorts, bgs., c.l., same basis..lb. .06½- —
13, dark sorts bold, bgs., c.l., same basis..lb. .05½- —
14, selected, fully scraped ivory, bgs., c.l., same basis..lb. .18 - —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .06½- —
16, inferior ivory sorts, bgs., c.l. same basis..lb. .05½- —
17, pale fingers, bgs., c.l., same basis..lb. .16½- —
18, pale straw nubs, bgs., c.l., same basis..lb. .11½- —
19, pale straw nubs, bgs., c.l., same basis..lb. .10½- —
20 hard dark amber nubs, bgs., c.l., same basis..lb. .06½- —
21, ordinary selected nubs, c.l., same basis..lb. .05¾- —
22, small mixed nubs, bgs., c.l., same basis..lb. .05¾- —
23, dark mixed nubs, bgs., c.l., same basis..lb. .05¾- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .13 - —
25, No. 2 natural ivory nubs, bgs., c.l., same basis..lb. .05¾- —
26, pale bold chips, bgs., c.l., same basis..lb. .06 - —
27, pale small chips, bgs., c.l., same basis..lb. .05½- —
28, pale dust, bgs., c.l., bgs., same basis..lb. .04¾- —
East India, Batu, bold scraped, bgs., c.l., same basis....lb. .06½- —
unscraped, bgs., c.l., same basis..lb. .04 - —
chips, bgs., c.l., same basis lb. .03¾- —
dust, bgs., c.l., same basis..lb. .03¾- —
nubs and chips, bgs., c.l., same basis..lb. .03¾- —
black, bold, scraped, bgs., c.l., same basis..lb. .06½- —
unscraped, bgs., c.l., same basis..lb. .04 - —
nubs and chips, bgs., c.l., same basis..lb. .04½- —
Hiroe Macassar, pale, bold bgs, c.l., same basis.lb. .12½- —
chips, bgs., c.l., same basis..lb. .06½- —
dust, bgs., c.l., same basis lb. .03¾- —
nubs, bgs., c.l., same basis..lb. .11½- —
Singapore Ramk, bold, bgs., c.l., same basis..lb. .15½- —
chips, bgs., c.l., same basis lb. .04¾- —
dust, bgs., c.l., same basis.lb. .03¾- —
nubs, bgs., c.l., same basis.lb. .10 - —
Manila, Boeas, amber and dark, bakts., c.l., same basis..lb. .14 - —
light, bakts., c.l., same basis..lb. .18½- —
loba A, bakts., c.l., same basis..lb. .10¾- —
B, bakts., c.l., same basis.lb. .09½- —
C, bakts., c.l., same basis.lb. .09¾- —
CNB, bakts., c.l., same basis..lb. .07½- —
D, bakts., c.l., same basis.lb. .09½- —
DK, bakts., c.l., same basis lb. .07½- —
DU, bakts., c.l., same basis lb. .06¾- —
dust, bakts., c.l., same basis, lb. .05½- —
Sambas and white split chips, bakts., c.l., same basis..lb. .12¾- —
Singapore, dust, bakts., c.l., same basis..lb. .05½- —
spirit-soluble, CNB bakts., c.l., same basis..lb. .08 - —
DBB, bakts., c.l., same basis lb. .08 - —
MA, bakts., c.l., same basis lb. .06¾- —
MB, bakts., c.l., same basis lb. .06½- —
WS, bakts., c.l., same basis. lb. .06¾- —
Philippine Manila amber sorts, bakts., c.l., same basis..lb. .07½- —
chips, pale, bakts., c.l., same basis..lb. .08½- —
small, bakts., c.l., same basis..lb. .07½- —
extra pale sorts, bakts., c.l., same basis..lb. .09½- —
nubs, bakts., c.l., same basis.. lb. .10¾- —
pale, scraped, bakts., c.l., same basis..lb. .11¾- —
seeds and dust, bakts., c.l., same basis..lb. .05¾- —
Pontianak, bold, genuine, bgs., c.l., same basis..lb. .14½- —
mixed, bgs., c.l., same basis lb. .13½- —
chips, bgs., c.l., same basis..lb. .07¾- —
nubs, bgs., c.l., same basis..lb. .10½- —
split, bgs., c.l., same basis..lb. .12¾- —
Dammar, Batavia A, cs., c.l., same basis as copal..lb. .21¾- —
A/D, cs., c.l., same basis.lb. .16¾- —
A/E, cs., c.l., same basis.lb. .13½- —
B, cs., c.l., same basis...lb. .20¾- —
C, cs., c.l., same basis...lb. .16¾- —
D, cs., c.l., same basis...lb. .14½- —
dust, cs., c.l., same basis.lb. .06½- —
E, cs., c.l., same basis...lb. .06¾- —
F, cs., c.l., same basis...lb. .06¾- —

Gum, dammar, Singapore, 1, cs, c.l., same basis.....lb. .16¼- —
2, cs., c.l., same basis...lb. .13¾- —
3, cs., c.l., same basis...lb. .05½- —
chips, cs., c.l., same basis.lb. .09¾- —
dust, cs., c.l., same basis.lb. .04¾- —
seeds, cs., c.l., same basis.lb. .07½- —
Elemi, cns., c.l., same basis as copal..lb. .09¾- —
Ester, dms., c.l. (36,000 lbs)., dlvd..lb. .07¾- —
l.c.l., lots of 10 over, dlvd.lb. .08 - —
smaller lots, dlvd.....lb. .08¼- —
Euphorbium, cs. .....lb. .17 - .19
Galbanura, cs. .....lb. .95 - 1.00
Gamboge, pipe, cs.....lb. .58 - .59
powd., bbls. .....lb. .65 - .66
Ghatti, soluble, bgs.....lb. .11 - .15
superior bgs. .....lb. .09 - .11
Guatac (see Guaiac resin).
Karaye XXX, bbls., bxs., dms. lb. .24 - .25
XX, bbls., bxs., dms.....lb. .16 - .17
1, bbls., bxs., dms.....lb. .09½- .10
2, bbls., bxs., dms.....lb. .08½- .09
Kauri brown, XXX, cs., c.l., same basis as copal..lb. .60 - —
BX, cs., c.l., same basis..lb. .33 - —
B1, cs., c.l., same basis..lb. .21 - —
B2, cs., c.l., same basis..lb. .15½- —
B3, cs., c.l., same basis..lb. .12 - —
80% chips, cs., c.l., same basis..lb. .09½- —
pale, XXX, cs., c.l., same basis..lb. .65 - —
1, cs., c.l., same basis..lb. .40 - —
2, c.s., c.l., same basis..lb. .22 - —
3, c.s., c.l., same basis..lb. .15 - —
Kino, tins .....lb. .70 - .80
Mastic, c.s., c.l., same basis as copal..lb. .57 - .58
Myrrh, USP, cs.....lb. .35 - .40
Olibanum, siftings, cs.....lb. .07 - .08
tears, cs. .....lb. .12 - .28
Opium (see O)
Rosin (see R)
Sandarac, cks, c.l., same basis as-copal..lb. .35 - .38
Scammony, cs. .....lb. 1.15 - 1.25
Senegal, picked, bgs.....lb. .20 - .21
sorts, bgs. .....lb. .09¾- .10¼
Talha, bgs. .....lb. .05 - .06
Thus, bbls. .....280 lbs.11.50 Nom.
strained, bbls. .....280 lbs.11.50 Nom.
Tragacanth, Aleppo, 1, cs....lb. 1.75 - 1.80
2, cs.....lb. 1.65 - 1.70
3, cs.....lb. 1.50 - 1.55
4, cs.....lb. 1.40 - 1.45
5, cs.....lb. 1.30 - 1.35
6, bgs.....lb. .30 - .31
Yacca, bgs., c.l., same basis as copal..lb. .06¼- —
powd., bgs., c.l., same basis,lb. .04½- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.21.15 - —
Medicine Lodge, Kans., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.27.75 - —
Southard, Okla., frt. equald..ton.17.00 - —
Sweetwater, Tex., frt. equald..ton.21.15 - —
plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equaled..ton.12.50 - —
Blue Rapids, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.15.70 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equald..ton.12.50 - —
f.o.b. Acme, Tex.; Blue Rapids, Kans., Fort Dodge, Ia.; Grand Rapids Mich.; Gypsum, O.; New Brighton, N.Y.; Oakfield, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald. ton 8.00 - —
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighten, N. Y., Southard, Okla., frt. equald..ton.12.00 - —
import., bgs., ex dock....ton.27.00 - —

H

Heliotropin, cryst., cns.....lb. 2.60 - 2.70
Hellebore, white, root, powd., bbls.lb. .10½- .11
Helonias root, bls.....lb. .90 - .95
Hematine crystals, bbls.....lb. .16 - .24
Hemlock extract, 25% tan., bbls.lb. .02½- —
tanks .....lb. .02¾- —
Hempseed, Manchur, bgs.....lb. .03½- .04¼
Henbane leaves, bls.....lb. .21 - .23
Henna leaves, bls.....lb. .07 - .08
powd., bbls, bxs.....lb. .09 - .10
Heptane, mixed, 77-115°C., dms., c.l. Group 2..gal. .19 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .09½- —
normal, 96-100°C., dms., c.l., Group 2 gal .19 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
Hexalin, dms.....lb. .80 - —
Hexane, normal, 60-70°C., dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3 .....gal .17 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l. Group 3..gal. .16 - —
l.c.l., Group 3.....gal. .25 - —
Hexamethylenetetramine, tech., dms..lb. .35 - .37
USP, dms., 1,000 lbs.....lb. .45 - .47
Hexyl acetate, dms., c.l., f.o.b. dest..lb. .125 - —
l.c.l., f.o.b. dest.....lb. .13 - —
tanks, f.o.b. dest.....lb. .115 - —
Homatropine hydrobromide, bots., vls. oz.13.00 -13.50
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 2.80 - 2.90
Hops, dom., 1935 crop, bls.....lb. .35 - .40
import., 1935 crop, bls....lb. .65 - .85
Horehound, bls.....lb. .06½- .07
Hydrangea root, bls.....lb. .02 - .03
Hydrastine, vls.....oz.11.00 -11.50
Hydrochloride, vls.....oz.11.00 -11.50
Sulphate, vls.....oz.13.00 -13.50
Hydrastis (see Golden seal).
Hydrogen, peroxide, USP, bbls.lb. .03¾- .04
100 vols..cbvs..E. of Miss. R.lb. .20 - —
W. of Miss. R.....lb. .21 - —
Hydroquinone, bbls., kgs.....lb. 1.10 - 1.15
Hyoscine hydrobromide, vls...oz.13.00 -13.25
Hyoscyamine, vls. .....oz.15.00 - —
Hydrobromide, vls.....oz.15.00 - —
Sulphate, vls.....oz.15.00 - —
Hypernic, liq., 51°, bbls.....lb. .15 - .20
solid, bxs.....lb. .17 - .20

I

Iceland moss, bls.....lb. .12 - .13
Ichthyol, bots.....lb. 4.00 - 4.20
Indian red (see Red, Indian).
Indigo, nat., Bengal, bbls.....lb. 2.40 - —
synth., liq., bbls.....lb. .13 - .14
powd., bbls.....lb. 1.00 - —
Indol, CP, bots.....lb.34.00 -36.00
Insect flowers (see Pyrethrum).
Iodine, crude, kgs.....lb. .90 - —
resubl., kgs.....lb. 1.50 - 1.55
tincture, bbls.....gal. 1.90 - —
Iodoform, kgs., 100 lbs.....lb. 3.75 - 3.80
Ionone, bots.....lb. 3.35 - 4.00
Ipecac root, bgs.....lb. .80 - .81
powd., bxs.....lb. .87 - .90
Irish moss, ordinary, bls.....lb. .11 - .12
powd., 80-90 mesh, bbls...lb. .22 - .30
prime, bleached, bls.....lb. .18 - .19
Iron acetate, CP, 17% solut., bbls. lb. .03 - .04
Chloride, tech., cryst., bbls., kgs..lb. .05 - .06
USP, cryst., bbls.....lb. .07¼- .08
solut., obys.....lb. .06¼- .06½
Citrate, USP VIII, pearls, cns., lb. .72 - —
powd., cns.....lb. .84 - —
scales, cns.....lb. .77 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iodide, bots.....lb. 2.85 - 2.90
syrup, djns.....lb. .37 - .38
Nitrate, comL, kgs.....lb. .02¾- .03
Oxalate, powd., kgs.....lb. .47 - .50
scales, cns.....lb. .83 - .85
Oxide (see Black, Red, etc.).
Phosphate, ferric, pearls, cns.lb. .54 - —
scales, cns.....lb. .59 - —
Ferrous, cns.....lb. .35 - —
Pyrophosphate, pearls, cns...lb. .59 - —
scales, cns.....lb. .64 - —
Reduced, 80%, cs.....lb. .60 - .65
Sulphate, tech. (see Copperas).
USP, cryst., bbls.....lb. .04½- .04½
Iron-ammonia citrate, brown, gran., cns...lb. .37 - .38
pearls, cns.....lb. .37 - .38
scales, cns.....lb. .47 - .49
green, gran., cns.....lb. .37 - .38
pearls, cns.....lb. .37 - .38
scales, cns.....lb. .47 .48
Oxalate, cryst., bbls., kgs...lb. .24½- .25½
Iron-potash oxalate, cryst., bbls., kgs..lb. .42 - .43
Iron-soda oxalate, cryst., bbls., kgs..lb. .24½- .25½
Isobutyl carbinol (see Carbinol).
Isopentane, dms., works.....lb. .43 - —
small lots, works.....lb. .53 - —
Isopropanol, see Alcohol, isopropyl.
Isopropyl acetate, dms., cl. frt. alld..lb. .07½- —
l.c.l., frt. alld.....lb. .08 - —
tanks, frt. alld.....lb. .06½- —
Alcohol (see Alcohol).
Ether, dms., c.l.....lb. .07 - —
l.c.l. .....lb. .08 - —
tanks .....lb. .06 - —

J

Jaborandi leaves, bls.....lb. .10 - .11
Jalap root, NF, bls.....lb. .17 - .26
powd., bbls., bxs.....lb. .21 - .24
Juniper berries, bgs.....lb. .04¾- .05½

K

Kamala, tins.....lb. .30 - .35
Kava kava root, bls.....lb. .14 - .16
Kerosene, at refinery:—
Bayonne, 41-43 w.w., tanks, gal. .04¾- —
Gulf ports, p.w., bulk, export, gal. .03½- —
w.w., bulk, export.....gal. .04¼- .04½
Louisiana - Arkansas, 41-43 w.w., bulk..gal. .03¾- —
Oklahoma-Texas, 41-43 w.w., tanks..gal. .03 - —
42-44 w.w., tanks.....gal. .03¼- —
Pennsylvania, 45 w.w., tanks, gal. .04¾- .04½
46 w.w., tanks.....gal. .04¾- .04½
Kerosene, tankwagon:—
Atlanta .....gal. .12¾ - —
Boston .....gal. .09¾ - —
Chicago .....gal. .09¾ - —
Cincinnati .....gal. .12¾ - —
Denver .....gal. .11 - —
Louisville .....gal. .10 - —
Minneapolis .....gal. .09¾ - —
New Orleans.....gal. .13 - —
New York.....gal. .07¼- —
San Francisco.....gal. .11¾ - —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-99% $MgSO_4$, bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .06 - .06½

L

Lady slipper root, bls.....lb. .32 - .35
Lanolin (see Adeps lanae).
Lard, city, tubs.....100 lbs.12.00 -12.25
Middlewestern, trcs....100 lbs.11.75 -11.85
Western, choice, trcs..100 lbs.11.85 -11.95
compound, trcs. .....100 lbs.12.00 -12.25
neutral, trcs. .....100 lbs.13.00 -13.25
Larkspur seed, bgs.....lb. .20 - .22
Laurel berries, bls.....lb. .09 - .10
Leaves, Ital., bls.....lb. .05 - .06½
Lavender flowers, ordinary, bls.lb. .40 - .42
select, bls. .....lb. .75 - .90
Lead acetate, brown, broken, bbls.lb. .02½- —
white, broken, bbls.....lb. .11 - —
cryst, bbls.....lb. .10½- —
gran., bbls.....lb. .11 - —
powd., bbls.....lb. .11¼- —
Arsenate, dms., c.l., dealers, E. of Rockies..lb. .09¼- —
jobbers, E. of Rockies..lb. .09 - —
W. of Rockies.....lb. .09 - —
l.c.l., consumers, W. of Rockies..lb. .10¾- —
dealers, E of Rockies, 1,000 lbs. or over..lb. .09¾- —
101-999 lbs.....lb. .10¾- —
100 lbs. or less.....lb. .11¾- —
W. of Rockies.....lb. .09¾- —
jobbers, E. of Rockies..lb. .09¾- —
Lead arsenate prices are works or whse. basis, frt. alld. to. dest. in lots of 99 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.
Blue, basic sulphate, bbls., c.l., dlvd. E..lb. .06 - —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .06¼- —
Lead, blue, basic sulphate, bbls., l.c.l., dlvd. E..lb. .06¾- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .06½- —
Carbonate (see Lead, white).
Chloride, pure, bxs.....lb. .42 - .50
Iodide, jars.....lb. 2.35 - 2.40
Linoleate, pale, precip., dms.lb. .16 - —
Metal (see daily quotations in market report)
Nitrate, bbls.....lb. .09 - .09½
Oleate, bbls.....lb. .15 - —
Peroxide, cns., works.....lb. .46 - .47
Red, dry, 95% or less Pb_3O_4, bbls, c. l. (20 tons), dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .0735- —
other points.....lb. .0716- —
l.c.l., 5 tons, dlvd. Ala., Ariz., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash. lb. .07¾- —
dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore and Wash..lb. .06¼- —
Colo., Mont., N. Mex., Wyo.....lb. .06 - —
other points.....lb. .07½- —
smaller lots, dlvd. Ala., etc..lb. .06¼- —
Ariz., etc.....lb. .06¾- —
Colo., etc.....lb. .06½- —
other points.....lb. .06 - —
97%, Pb_3O_4, bbls., c.l. (20 tons) dlvd. Ala., etc.lb. .0760- —
other points.....lb. .0735- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .06 - —
Ariz., etc.....lb. .06¾- —
Colo., etc.....lb. .06½- —
other points.....lb. .07¾- —
smaller lots, dlvd. Ala., etc..lb. .06¼- —
Ariz., etc.....lb. .06¾- —
Colo., etc.....lb. .06½- —
other points.....lb. .06¾- —
98% Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc..lb. .0785- —
other points.....lb. .0760- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .06¾- —
Ariz., etc.....lb. .07¼- —
Colo., etc.....lb. .06¼- —
other points.....lb. .06 - —
smaller lots, dlvd. Ala., etc..lb. .06¾- —
Ariz., etc.....lb. .06¼- —
Colo., etc.....lb. .06¾- —
other points.....lb. .06¾- —
In oil, steel kegs, 1,000 lbs..lb. .10¼- —
500 lbs.....lb. .11 - —
smaller lots.....lb. .12 - —
Resinate, fused, bbls.....lb. .09 - .10
precip., bbls.....lb. .14 - —
Stearate, bbls.....lb. .32 - .35
Sulphate (see Lead, white)
Titanate, bbls., c.l., f.o.b. St. Louis, frt. paid E. of Rockies or f.o.b. Pac. Cst. terminal..lb. .19 - —
l.c.l., f.o.b. St. Louis or f.o.b. whses., frt or ctge paid E. of Rockies..lb. .16½- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .06¾- —
other points.....lb. .06¼- —
l.c.l. dlvd. Ariz., etc..lb. .07 - —
other points.....lb. .06¾- —
Basic sulphate, bbls., c.l., dlvd. Ariz., etc..lb. .06¼- —
other points.....lb. .06 - —
l.c.l. dlvd. Ariz., etc.lb. .06¾- —
other points.....lb. .06¼- —
In oil, 100-lb. kgs., 1,000 lbs., dlvd..lb. .10 - —
500 lbs., dlvd.....lb. .10¾- —
smaller lots, dlvd.....lb. .11¼- —
Lemon peel, bls.....lb. .09 - .10
Licorice extract, mass, cs.....lb. .17 - .19
powd., bbls.....lb. .27 - .32
Root, bls.....lb. .04½- .05
powd., bbls., bxs.....lb. .07 - .09
select, hndls., cs.....lb. .20 - .21
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefonte, Pa....ton. 7.00 - —
Berkeley, W. Va....ton. 7.00 - —
California, northern..ton.12.75 - —
southern .....ton.11.25 - —
Cedar Hollow, Pa....ton. 8.00 - —
Chicago .....ton. 7.25 - —
Crab Orchard, Tenn..ton. 6.25 - —
Dallas, Texas.....ton. 8.50 - —
Durbin, Ohio.....ton. 6.50 - —
Eagle Mountain, Va..ton. 6.25 - —
Easton, La.....ton. 7.00 - —
Farnams, Mass.....ton. 7.50 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 7.00 - —
Knoxville, Tenn.....ton. 6.25 - —
Leroy, Minn.....ton. 8.00 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 7.00 - —
Marble Cliff, Ohio....ton. 6.50 - —
Marblehead, Ohio....ton. 7.50 - —
Martinsburg, W. Va..ton. 7.00 - —
Menominee, Mich....ton. 7.50 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Petosky, Mich.....ton. 8.00 - —
Port Island, Mich...ton. 7.50 - —
Ripplemead, Va.....ton. 6.25 - —
Riverton, Va.....ton. 6.25 - —
Scioto, Ohio.....ton. 6.00 - —
Sheboygan, Wis.....ton. 7.00 - —
Sherwood, Wis.....ton. 7.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
Hydrated, paper bags, f.o.b. Bellefonte, Pa...ton. 8.50 - —
Berkeley, W. Va....ton. 8.50 - —
Buffalo .....ton.11.00 - —
California, northern..ton.14.75 - —
southern .....ton.12.75 - —
Cedar Hallow, Pa...ton. 8.50 - —
Chicago .....ton. 9.50 - —
Crab Orchard, Tenn..ton. 9.00 - —
Dallas, Tex.....ton.12.00 - —
Durbin, Ohio.....ton. 8.00 - —
Eagle Mountain, Va..ton. 8.50 - —
Easton, La.....ton. 9.00 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.50 - —

Lime—Methanol

Lime, hydrated, paper bags, f.o.b.
- Marble Cliff, Ohio...ton. 8.00 - —
- Marblehead, Ohio....ton. 9.00 - —
- Martinsburg, W. Va.ton. 8.50 - —
- Milltown, Ind.....ton.12.50 - —
- Mitchell, Ind.....ton. 9.00 - —
- Newala, Ala.....ton. 9.00 - —
- Pelham, Ala.....ton. 9.00 - —
- Petoskey, Mich.....ton. 9.00 - —
- Port Island, Mich...ton. 9.00 - —
- Rapid City, S. D....ton.12.00 - —
- Ripplemead, Va.....ton. 8.00 - —
- Riverton, Va.....ton. 9.00 - —
- Scioto, Ohio.....ton. 8.00 - —
- Sherwood, Wis.....ton. 9.00 - —
- Silluria, Ala.....ton. 9.00 - —
- Springfield, Mo.....ton. 9.00 - —
- Woodville, Ohio.....ton. 8.00 -

spray, paper bgs., f.o.b. Bellefonte, Pa..ton. 9.00 - —
- Durbin, Ohio.....ton. 9.00 -
- Farnams, Mass.....ton. 9.00 -
- Gibsonburg, Ohio...ton. 11.00 - —
- Marble Cliff, Ohio...ton.11.00 - —
- Marblehead, Ohio....ton.11.00 - —
- Mitchell, Ind.....ton. 9.00 - —
- Scioto, Ohio.....ton. 9.00 - —
- Sherwood, Wis.....ton. 9.00 - —
- Woodville, Ohio.....ton.11.00 - —

Salts (see Calcium)

Lime-sulphur, dry, bgs.,consumer, dlvd. Ore..lb. .06¼- .06¾
- Idaho, Utah, and W. Mont..lb. .07¼- .07¾
- Wash. (excepting Ferry, Lincoln, Pend-Oreille, Spokane, Stevens, and Whiteman counties)..lb. .06¼- .06¾
- dealers,dlvd.E. of Rockies, except Fla..lb. .07¾- .08¼
- Ore. .....lb. .06¾- —
- Idaho, etc.....lb. .06¾- —
- Wash. (as above)...lb. .06¾-

Lime-sulphur, dry, bags., jobbers, dlvd. E. of Rockies, except Fla..lb. .07¼- .08¼
- Ore. .....lb. .06½- —
- Idaho, etc.....lb. .06½- —
- Wash. (as above)...lb. .06¾- —
- dms., dealers, dlvd. E. of Rockies, except Fla..lb. .11 - .12
- Fla. .....100 lbs. 1.90 - 2.00
- jobbers,dlvd.E. of Rockies, except Fla..lb. .10½- —
- solution, dms., dealers, dlvd. Del., Ill., Ind., Ia., Ky., Md., Mich., Minn., Mo., N.E. States, N. J.... N. Y., N. C. (Alegheny, Ashe, Rockingham, Stopes and Surry counties), Ohio, Pa., Tenn. (W. of Tenn. R.), Va., W. Va., Wis..gal. .13 - .16
- jobbers, same basis...gal. .12½- .15
- tanks, 4,000 gals. min., dealers, dlvd. Del., etc..gal. .11 - —
- jobbers, same basis...gal. .10½- —

Linalool, cns.....lb. 1.90 - 2.10
Linalyl acetate, bots.....lb. 1.50 - 2.25
Linden flowers, with leaves, bls.lb. .15 - .16
- without leaves, bls.....lb. .17 .18

Linseed cake, bgs., export....ton.29.00 - —
Meal, 32%, dom., bgs.....ton.39.50 - —
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore. and Wash..lb. .0685- —
- other points.....lb. .0610- —
- 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .06¾-

Litharge, coml., powd., bbls., 5 tons, dlvd. Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .07¼- —
- Colo., Mont., N. Mex., Wyo..lb. .07 - —
- other points.....lb. .06½- —
- smaller lots, dlvd., Ala., etc..lb. .07¼- —
- Ariz., etc.....lb. .07⅝- —
- Colo., etc.....lb. .07⅛- —
- other points.....lb. .07 - —

Lithium bromide, jars.....lb. 1.70 - 1.75
- Carbonate, bbls.....lb. 1.25 - 1.30
- Chloride, bbls.....lb. 1.65 - 1.69
- Citrate, bbls.....lb. 1.40 - 1.50
- Iodide, bots., jars.....lb. 4.70 - 4.75
- Fluoride, bbls.....lb. 2.00 - 2.50

Lithopone,dom.,high-strength,bgs., 5 tons, dlvd. E. or ex whse. Pac. Cst.....lb. .06 - —
- smaller lots, same basis.lb. .06¼- —
- bbls., 5 tons, same basis.lb. .06¼- —
- smaller lots, same basis.lb. .06½- —
- ordinary, bgs., 5 tons, same basis..lb. .04½- —
- smaller lots, same basis.lb. .04¾- —
- bbls., 5 tons, same basis.lb. .04¾- —
- smaller lots, same basis.lb. .05 - —
- titanated, bgs., 5 tons, same basis..lb. .06 - —
- smaller lots, same basis.lb. .06¼- —
- bbls., 5 tons, same basis..lb. .06½- —
- smaller lots, same basis.lb. .06¾- —

import., bbls., ex dock.....lb. No prices

Liverwort leaves, bls.....lb. .19 - .20
Lobelia herb, bls.....lb. .13 - .15
Seed, bgs.....lb. .25 - .28
Logwood extract, cryst., bbls.lb. .16 - .20
- liquid, 51°, bbls.....lb. .08½- .10½
- solid, bxs.....lb. .13½- .17¼

Sticks, Haitian, shipt.....ton.24.00 -25.00

Lovage root, dom., bls.....lb. .55 - .65
- import, bls.....lb. .30 - .32

Lupulin, N.F., tins.....lbs. 1.50 - 1.55
Lycopodium, cs.....lb. 1.10 - 1.15

M

Mace, Banda, cs.....lb. .62 - .64
- Batavia, cs.....lb. .48 - .49
- Siauw 1, cs.....lb. .57 - .58

Madder, Dutch, bgs.....lb. .23 - .28
Magnesia arsenate, bgs.....lb. .18 - .20
Calcined, dom.,four-hour,including activator, ctns., 10,000 lbs. or over, f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila..lb. .27 - —
- 1,000-10,000 lbs., same basis..lb. .28½- —
- less than 1,000 lbs., same basis..lb. .30 - —
- tech., heavy, bbls, f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila..lb. .26 - —
- 1-lb. pkgs., same basis.lb. .28 - —
- light, bbls., same basis.lb. .22 - —
- 1-lb. tins, same basis.lb. .23 - —
- USP, heavy, bbls., same basis..lb. .30 - —
- 1-lb. pkgs., same basis.lb. .40 - —
- special, bbls., same basis..lb. .27 - —
- super light, bbls., same basis..lb. .30 - —

import., heavy, pharm., bbls. lb. .50 - —
- light, extra, bbls.....lb. .36 - .40
- standard, bbls.....lb. .30 - —

Magnesia carbonate, tech., bgs., c.l., works..lb. .06 - .06½
- USP, bbls., c.l.....lb. .06½- .09

Chloride, flake, dom., bbls., works..ton.36.00 -39.00
- Hypophosphite, cns.....lb. 1.45 - 1.50
- Oxide (see Calcined)
- Palmitate, bbls.....lb. .23 Nom.
- Peroxide, 15%, dms., works.lb. 1.00 - 1.05
- Silicate (see Talc)
- Silicofluoride, bbls.....lb. .09½- .10
- Stearate, bbls., ctns., c.l....lb. .20 - —
- 1 ton.....lb. .21 - —
- 1,000-2,000 lbs.....lb. .22 - —
- smaller lots.....lb. .23 - —
- Sulphate (see Epsom salt)

Magnesite,calc., import., bbls.ton.60.00 -65.00
- dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash...ton.22.00 - —

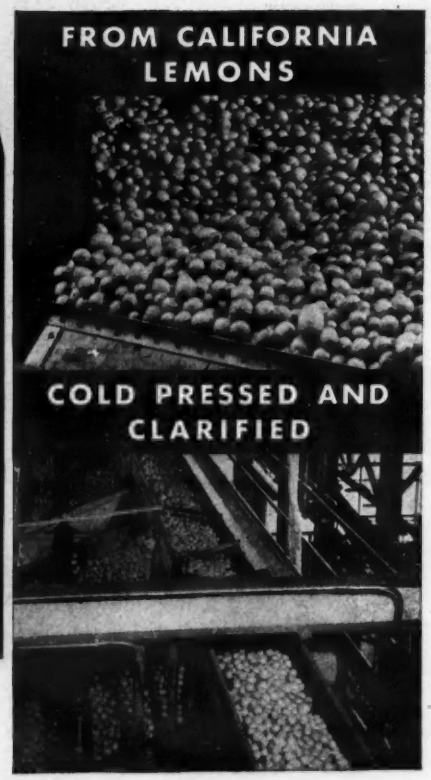
Malva flowers, black, bls.....lb. .40 - .42
- Blue, bls.....lb. .45 - .50
- Leaves, bls.....lb. .12 - .13

Manaca root, bls.....lb. .20 - .21
Mandrake root, bls.....lb. .09½- .10
Manganese acetate, dms.....lb. .25½- .26
- Arsenate, bgs.....lb. .12 - .13
- Borate, tech., bbls.....lb. .15 - .16
- Chloride, bbls.....lb. .07½- .08
- Dioxide, Caucasian, 85-90%, csks., c.l., works..ton.51.50 - —
- l.c.l., 5 tons, works..ton.54.50 - —
- smaller lots, works.ton.59.50 - —
- burlap bgs.,c.l., works.ton.49.50 - —
- l.c.l., 5 tons, works..ton.52.50 - —
- smaller lots, works.ton.57.50 - —
- paper bgs., c.l., works.ton.47.50 - —
- l.c.l., 5 tons, works.ton.50.50 - —
- smaller lots, works.ton.55.50 - —
- Glycerophosphate, bbls., cans., 100 lbs..lb. 2.00 - 2.05
- Hydrate, bbls., dlvd.....lb. .80 - —
- Iodide, bots., jars.....lb. 5.10 - 5.15
- Linoleate, liquid, 4%, dms...lb. .19 - .20
- solid, precip., 8.2%, bbls...lb. .17½- .19
- Ore, 52% basis, bbls., c.i.f. Atl. pts..unit-ton. .26 - .27
- Resinate, fused, 8½%, bbls..lb. .08½- .09
- precip., dms.....lb. .12 - —
- Sulphate, anhyd.,bbls.,works.lb. .07 - .07½
- cryst., 65% $MnSO_4$, bgs., c.l., dlvd. South.....ton.43.75 - —
- 80-85%, bgs., c.l., works, frt. alld. to S.P.A. territory unit-ton. .75 - —
- l.c.l., 5 tons, works...lb. .03½- —
- smaller lots, works..lb. .04 - —
- Mangrove bark, bgs., shipmt., ton.26.00 - —
- Extract, 55%, bgs.....lb. .04 - —
- Manna, flake, large, cs.....lb. .50 - .55
- small cs.....lb. .28 - .30
- Mannitol, pure, cryst., cs., works lb. 1.00 - —
- Marble flour, bgs.....ton.12.00 -14.00
- Marjoram, French, bbls.....lb. .18½- .19
- Tunisan, bls.....lb. .17½- .18
- Matico leaves, bls.....lb. .80 - .81
- Menthol, cs.....lb. 3.10 - 3.20
- synthetic, cs.....lb. 2.25 - 2.50
- Menthyl salicylate, tins, 100 lb. lots..lb. 2.00 - —
- 25 lb., lots.....lb. 2.10 - —
- Mercurial ointment, 30%, cns..lb. .70 - —
- 50%, cns.....lb. 1.14 - —
- Mercury (see Quicksilver)
- Bichloride (see Corrosive sublimate)
- Bisulphate, kgs.....lb. 1.35 - —
- Chloride (see Calomel)
- Iodide, red, kgs., jars.....lb. 3.45 - 3.50
- Yellow, kgs., jars.....lb. 3.55 - 3.60
- Nitrate ointment (see Citrine ointment)
- Oxide, black, dms., kgs.....lb. 3.65 - —
- Red, N.F. (see Red precipitate)
- tech. (see Red, mercury oxide)
- Yellow, dom., tech., bbl....lb. 1.39 - —
- USP, dms., kgs.....lb. 1.81 - —

Mercury and chalk, kgs.....lb. .85 - .86
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
- Composition, 5½x5½ in.pkg. 1.65 - 1.90
- Gold,XX deep,3¾x3¾ in.pkg.14.50 -15.00
- 3¾x3¾ in.....pkg.16.00 -16.50
- 4x4 in.....pkg.18.50 -19.00
- 3¾x5½ in.....pkg.21.50 -22.00
- 3¾x5½ in.....pkg.23.50 -24.00
- Silver, 3¾x3¾ in.....pkg. 2.50 - 2.75

Metanitroanilin, kgs.....lb. .67 - .68
Metanitroparatoluidin, bbls....lb. 1.40 - 1.45
Metaphenylenediamine, kgs....lb. .82 - .84
Metatoluylenediamine, kgs.....lb. .67 - .68
Methanol, natural, denat. grade, dms., c.l., frt. alld....gal. .53 - —
- tanks, frt. alld.....gal. .58 - —
- contracts, frt. alld....gal. .45 - —
- 98%, dms., c.l., Zone 1, frt. alld..gal. .37½- —
- 2, frt. alld.....gal. .39½- —
- 3, frt. alld.....gal. .40½- —
- 4, frt. alld.....gal. .42½- —
- 5, frt. alld.....gal. .43½- —
- l.c.l., Zone 1, frt. alld. or dlvd..gal. .40 - —
- 2, frt. alld. or dlvd..gal. .44½- —
- 3, frt. alld. or dlvd..gal. .45 - —
- 4, frt. alld. or dlvd..gal. .58 - —
- 5, frt. alld. or dlvd..gal. .49½- —

A U.S.P. OIL FOR THE AMERICAN TASTE



NO WONDER IT'S THREE TIMES AS POPULAR AS ALL OTHER LEMON OILS COMBINED

HIGH quality and right price have made Exchange Brand Oil of Lemon, U. S. P., the unquestioned leader in the United States.

It is made in the world's largest plant devoted exclusively to lemon products. Nowhere else are there the facilities to keep production quality so uniform. Nowhere else has the American taste been so successfully met.

Be sure to specify it by name: Exchange Brand Oil of Lemon, U.S.P. (Clarified).

Sold to the American market exclusively by

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Distributors for

CALIFORNIA FRUIT GROWERS EXCHANGE
Products Department, Ontario, California
Producing Plant: EXCHANGE LEMON PRODUCTS COMPANY
Corona, California

Copr., 1936, California Fruit Growers Exchange, Products Dept.

Methanol, natural, 95%, tanks, Zone 1, frt. alld..gal. .33 - —
2, frt. alld.....gal. .34½ - —
3, frt. alld.....gal. .35½ - —
4, frt. alld.....gal. .36½ - —
5, frt. alld.....gal. .36½ - —
97%, dms., c.l., Zone 1, frt. alld..gal. .33½ - —
2, frt. alld.....gal. .40½ - —
3, frt. alld.....gal. .41½ - —
4, frt. alld.....gal. .42½ - —
5, frt. alld.....gal. .43½ - —
l.c.l, Zone 1, frt. alld. or dlvd..gal. .41 - —
2, frt. alld. or dlvd..gal. .45½ - —
3, frt. alld. or dlvd..gal. .44 - —
4, frt. alld. or dlvd..gal. .59 - —
5, frt. alld. or dlvd..gal. .50½ - —
tanks, Zone 1, frt. alld..gal. .54 - —
2, frt. alld.....gal. .35½ - —
3, frt. alld.....gal. .37½ - —
4, frt. alld.....gal. .37½ - —
5, frt. alld.....gal. .37½ - —
pure, dms., c.l., Zone 1, frt. alld..gal. .40 - —
2, frt. alld.....gal. .42 - —
3, frt. alld.....gal. .43 - —
4, frt. alld.....gal. .45½ - —
5, frt. alld.....gal. .45 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .42½ - —
2, frt. alld. or dlvd..gal. .47 - —
3, frt. alld. or dlvd..gal. .45½ - —
4, frt. alld. or dlvd..gal. .61 - —
5, frt. alld. or dlvd..gal. .52 - —
tanks, Zone 1, frt. alld..gal. .35½ - —
2, frt. alld.....gal. .37 - —
3, frt. alld.....gal. .39 - —
4, frt. alld.....gal. .39 - —
5, frt. alld.....gal. .39 - —

Methanol prices, bbls., 2½c. gal. more than drums

synthetic, guaranteed 99.5%, dms., c.l., Zone 1, frt. alld..gal. .40 - —
2, frt. alld.....gal. .43 - —
3, frt. alld.....gal. .43 - —
4, frt. alld.....gal. .45½ - —
5, frt. alld.....gal. .45 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .42½ - —
2, frt. alld. or dlvd..gal. .47 - —
3, frt. alld. or dlvd..gal. .45½ - —
4, frt. alld. or dlvd..gal. .61 - —
5, frt. alld. or dlvd..gal. .52 - —
tanks, Zone 1, frt. alld..gal. .35½ - —
2, frt. alld.....gal. .37 - —
3, frt. alld.....gal. .39 - —
4, frt. alld.....gal. .39 - —
5, frt. alld.....gal. .39 - —

Methanol sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., Mont., Nev., Idaho, Ore., Utah, Wash.; Zone 5, N. Mex., Texas, Wyo.

Methyl acetate, 90%, dms., c.l.; frt. alld. E. of Rockies..lb. .16 - —
W. of Rockies.....lb. .16½ - —
l.c.l., frt. alld., E. of Rockies..lb. .17 - —
W. of Rockies.....lb. .17½ - —
82%, dms., c.l., frt. alld. E. of Rockies..lb. .13 - —
W. of Rockies.....lb. .13½ - —
l.c.l., frt. alld. E. of Rockies..lb. .14 - —
W. of Rockies.....lb. .14½ - —
Acetoacetate, dms., l.c.l., frt. alld..lb. .27 - —

Acetone, dms., c.l., contracts, zone 1, frt. alld..lb. .45½ - —
2, frt. alld.....gal. .47½ - —
3, frt. alld.....gal. .48½ - —
4, frt. alld.....gal. .51 - —
5, frt. alld.....gal. .50½ - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .48 - —
2, frt. alld. or dlvd....gal. .52½ - —
3, frt. alld. or dlvd....gal. .51 - —
4, frt. alld. or dlvd....gal. .55½ - —
5, frt. alld. or dlvd....gal. .58½ - —
tanks, contracts, Zone 1, frt., alld..gal. .41 - —
2, frt. alld.....gal. .42½ - —
3, frt. alld.....gal. .44½ - —
4, frt. alld.....gal. .44½ - —
5, frt. alld.....gal. .44½ - —

Methyl acetone in bbls. 2½c. per gal. more, in all brackets. The sales zones are: Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, L. A. and San Fran., Cal.; Portland, Ore.; Seattle, Wash.; Zone 4, Ariz., Cal., Mont., Nev., Idaho, Ore., Utah and Wash.; Zone 5, N. Mex., Tex., Wyo.

synthetic, dms., c.l., Zone 1, frt. all. E. of Rockies..gal. .53½ - —
2, frt. alld. E. of Rockies. gal. .54½ - —
3, Pacific coast.....gal. .56½ - —
l.c.l., Zone 1, frt. alld. E. of Rockies..gal. .55 - —
2, frt. alld. E. of Rockies. gal. .59½ - —
3, Pacific coast.....gal. .58 - —
tanks, Zone 1, frt. alld. E. of Rockies..gal. .48 - —
2, frt. alld. E. of Rockies. gal. .49½ - —
3, Pacific coast.....gal. .51 - —

Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D. Zone 3, Pacific coast.

Alcohol (see Methanol).
Anthranilate, bots.....lb. 1.95 - 2.05
Benzoate, bots.....lb. .70 - 1.00
Chloride cyirs.....lb. .40 - —
Cinnamate, bots.....lb. 3.00 - 3.75
Formate, dms.....lb. .85 - .96
Iodide, bots., jars.....lb. 5.80 - 5.85
Salicylate, dms.....lb. .40 - .42
tins.....lb. .42 - .45
Violet toner, bbls. (500 lbs.)..lb. .40 - —
smaller lots.....lb. .42 - —
permanent, bbls.....lb. .80 - —
Methylanthraquinone, bbls.....lb. .80 - .93
Methylene blue, medicl., kgs...lb. 2.00 - 2.25
Methylheptenone, bots. .....lb. 2.50 - 3.00
Methylheptin carbonate, bots..lb.27.50 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., c.l. wks..gal. .76 - —
l.c.l. wks. .....gal. .80 - —
tanks, wks. .....gal. .70 - —
Methylpropyl carbinol (see Carbinol).
Metronite pigment,120 mesh, containers extra, c.l., f.o.b. Milwaukee..ton. 8.00 - —
l.c.l., same basis.....ton.10.00 - —
Metronite pigment, 180 mesh, containers extra, c.l., same basis..ton.10.00 - —
l.c.l., same basis.....ton.12.00 - —
250 mesh, containers extra, c.l., same basis..ton.12.00 - —
l.c.l., same basis.....ton.14.00 - —
325 mesh, containers extra, c.l., same basis..ton.17.00 - —
l.c.l., same basis.....ton.19.00 - —
Mica, dry-grd., plastic, No. 100, 40 mesh,bgs.,c.l., works..ton.35.00 - —
l.c.l., works.....ton.42.75 - —
second grade, bgs., c.l., works..ton.33.00 - —
l.c.l., works.....ton.41.25 - —
250, 100 mesh, bgs., c.l., works..ton.32.00 -40.00
l.c.l., works.....ton.40.00 -50.00
second-grade, bgs., c.l., works..ton.23.90 -30.00
l.c.l., works.....ton.29.90 -37.50
300, 140 mesh, bgs., c.l., works..ton.50.00 - —
l.c.l., works.....ton.62.50 - —
roofing, bgs., c.l., works..ton.28.50 -30.00
l.c.l., works.....ton.30.00 -37.50
wet-grd., 160 mesh, pure white, bgs., c.l., dlvd. E. of Miss. R..100 lbs. 4.50 - —
W. of Miss. R.100 lbs. 5.00 - —
l.c.l., works.....100 lbs. 4.50 - —
standard, bgs., c.l., works, frt. alld. E. of Miss. R. 100 lbs. 3.50 - —
W. of Miss R.100 lbs. 4.00 - —
l.c.l., works.....100 lbs. 3.50 - —
Michler's ketone, kgs.....lb. 2.50 - —
Milk powder, skimmed, roller, bbl., c.l..lb. .09¾ - —
l.c.l. .....lb. .10¾ - —
spray, bbls., c.l.....lb. .10½ - —
l.c.l. .....lb. .11½ - —
unskimmed, roller, bbls., c.l.lb. .20½ - .21
l.c.l. .....lb. .21½ - .22
spray, bbls., c.l.....lb. 20½ - .21
l.c.l. .....lb. .21½ - .22
Millet seed, bgs.....lb. .03½ - .04
hulled, bgs.....lb. .06½ - .07
Mineral spirits (see Petroleum thinner and V. M. & P. naphtha).
Molasses, blackstrap, tanks...gal. .07¼ - —
New Orleans.....gal. .07 - —
Molybdenum metal, 98%, powd., kgs..lb. 1.80 - 2.15
Monoamylamine, dms., l.c.l. works..lb. 1.00 - —
Monochlorobenzene, dms.....lb. .06 - .03½
Monoethanolamine, dms.....lb. .21 - .25
Monoethylanilin, dms.....lb. .77 - .79
Monomethyl para-aminosulphate, dms..lb. 3.75 - 4.00
Morphine, cns.....oz.10.90 -10.95
Acetate, bots.....oz. 8.80 - 8.85
Ethylhydrochloride, vis.....oz.10.50 -10.55
Hydrobromide, cns.....oz. 8.70 - 8.75
Sulphate, cns.....oz. 8.75 - 8.80
Mullein flowers, cns.....lb. .80 - .85
Leaves, bls.....lb. .07 - .08
Musk, nat., Cabardine, grained, bots..oz. No stocks
pods, bots.....oz. No stocks
Tonquin, grained, bots....oz.21.00 -32.00
pods, bots.....oz.14.50 - —
synth., ambrette, cns.....lb. 4.20 - —
Ketone, cns.....lb. 4.85 - —
Xylol, 100%, cns.....lb. 1.25 - —
Musk root, bls.....lb. .08½ - .09
Mustard seed, Bombay, brown, bgs..lb. .07 - .07½
California, brown, bgs.....lb. .06½ - .07
yellow, bgs.....lb. .07½ Nom.
Chinese, yellow, bgs.....lb. .05½ - .05¾
Danish, yellow, bgs.....lb. .08¼ - .08½
Dutch, yellow, bgs.....lb. .08½ - .09
English, yellow, bgs.....lb. .09 - .09½
Hungarian, yellow, bgs....lb. .07¼ - .08¼
Montana, brown, bgs.....lb. .07½ Nom.
yellow, bgs.....lb. .07¼ Nom.
Roumanian, yellow, bgs...lb. .06¾ - .07
Sicilian, brown, bgs.....lb. .11¼ Nom.
Myrobalans, J1, bgs., shipt..ton.22.00 - —
J2, bgs., shipt.....ton.14.75 - —
R2, bgs., shipt.....ton.14.25 - —
Extract, liquid, 25%, bbls...lb. .04¼ - —

N

Naphtha hydrogenated (see Petroleum naphtha, high solvency).

Painters' (see Petroleum naphtha, V.M.&P.).

Solvent (see S).

Naphthalene, crude, dom., bgs., works..100 lbs. No prices
import., 74-78°, bgs. Atlantic ports..100 lbs. No prices
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. E. works. lb. .07¼ - —
cs., same basis.....lb. .07¾ - —
pkgs. (10 oz.), same basis..lb. .08 - —
(13 oz.), same basis... pkg. .06½ - —
chipped, crushed, bbls., bgs., same basis..lb. .06½ - —
rice, cryst., powd., bbls., same basis..lb. .07½ - —

Refined naphthalene Western prices are ⅛c. per lb. higher, f.o.b. Chicago and Granite City, Ill.; storedoor delivery in metropolitan N. Y., Phila. and Chicago made in mim. 2,000-lb. quantities; smaller lots, 20c. per 100 lbs. higher.

Nerolin, cryst., cns.....lb. 1.27 - 1.30
Nickel carbonate, bbls.....lb. .30 - —
Chloride, bbls.....lb. .18 - .18¼
kgs. .....lb. .21 - .23
Oxide, black, bbls.....lb. .33 - .35
Salt, double, bbls.....lb. .13 - .13¼
single, bbls.....lb. .13 - .13¼
Nicotine, 50%, cns.....8 lbs. 8.25 -10.15
Sulphate, 10-lb. cns.....lb. .76½ - 1.03½
5-lb. cns.....lb. .94 - 1.17
dms. .....lb. .75 - .85
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms.,c.l. lb. .08 - —
l.c.l. .....lb. .11 - —
tanks .....lb. .06½ - —
Nitrocellulose, alcohol-soluble, ¼, and 40, sec. vis., bbls., works..lb. .28 - —
bronzing, 20, 40, 70 sec. vis., bbls., works..lb. .20 - —
ester-soluble, ¼, ½, 5-6, 15-20 sec. and higher vis., bbls., works..lb. .26 - —
lacquer, 20-30 and 60-80 sec. vis., bbls., works..lb. .29 - —

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable. A contract price of 25c. is standard for consumers of 10,000 pounds of nitrocellulose a year.

Nitrogen solution, 45½% ammon., tanks, f.o.b. Atlantic and Gulf ports Sept.-June unit-ton. 1.04 - —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carrollville, Wis., Fall shpt. unit-ton. 2.50 - —
Chemical, Ill..unit-ton. 2.50 - —
East Coast producing points..unit-ton. 2.75 - 2.85
import., bgs., c.i.f. Atlantic ports, shpt.....unit-ton. 2.80 - —
Nitronaphthalene, bbls.....lb. .34 - .38
Nitrotoluene, mixed, dms.....lb. .10½ - .11
Nutgalls, Aleppo, bgs., cs.....lb. .20 - .22
Chinese, shipmt., cs.....lb. .20 - .22
Extract (see Gall extract).
Nutmegs, 80s, bgs., cs.....lb. .19½ - .20
110s, bgs., cs.....lb. .17½ - .18
West Indian, bgs.....lb. .16 - .16½
Nux vomica, bls.....lb. .06 - .07
powd., bbls., bxs.....lb. .07½ - .08

O

Oakbark extract, 25% tan., bbls. lb. .08¼ - —
tanks .....lb. .02¾ - —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.3..gal. .11 - —
l.c.l., G.3.....gal. .15 - —
tanks, G.3 .....gal. .08½ - —
Octyl acetate, dms., c.l.,works.lb. .16 - —
l.c.l., works.....lb. .17 - —
small lots, works.....lb. .20 - —
tanks, works.....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots.....lb. 2.00 - 2.50
s.p.a., bots.....lb. 2.25 - 2.75
sweet, true, exp., cns.....lb. .70 - .72
Amber, crude, cns.....lb. .20 - .21
refd., cns.....lb. .52 - .53
Amyris, cns.....lb. 2.70 - 2.75
Angelica root, bots.....lb.64.00 -75.00
Seed, bots.....lb.72.00 -90.00
Anilin (see A).
Anise, USP, cns., dms.....lb. .63 - .65
Apricot kernel, dom., dms frt alld..lb. .23½ - .26
spot .....lb. .26 - .28
Russian, dms.....lb. .19 - .20
Babassu, tanks.....lb. .08½ - —
Bay, W.I., cns.....lb. 1.05 - 1.25
Bergamot, artif., cns.....lb. 1.00 - 1.30
natural, coppers .....lb. 2.35 - 2.50
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birch tar, crude, dms.....lb. .14 - .17
rectifd., cns.....lb. .75 - .80
Bois de rose, Brazil, cns.....lb. 1.25 - 1.35
Cayenne, cns.....lb. 2.25 - 2.35
Cade, USP, cns.....lb. .26 - .28
Cajeput, tech., dms.....lb. .45 - .46
USP IX, cns.....lb. .47 - .48
Calamus, cns.....lb. 2.75 - 3.00
Camphor, sassafrassy, cns..lb. .15 - .15¼
dms. .....lb. .13½ - .14
white, cns.....lb. .16 - .16¼
dms. .....lb. .14½ - .11
Canangа, native, cns.....lb. 2.30 - 2.35
rectifid., cns.....lb. 2.60 - 2.65
Capsicum (oleoresin), USP VIII, cns..lb. 2.00 - 2.25
Caraway, USP, cns.....lb. 2.00 - 2.25
Cardamom, bots.....lb.11.00 -28.00
Cassia, USP, cns., dms.....lb. .95 - 1.00
Castor, blown, one-way dms., c.l..lb. .12¾ - —
l.c.l. .....lb. .13 - —
medicinal, bbls., c.l.....lb. .10¾ - —
l.c.l. .....lb. .11¼ - —
cns. (1-gal.), l.c.l.....lb. .14¼ - —
dms. (returnable), c.l....lb. .10½ - —
l.c.l. .....lb. .11¼ - —
(5-gal.), l.c.l.....lb. .12½ - —
tanks .....lb. .10 - —
No. 3, bbls., c.l.....lb. .10¼ - —
l.c.l. .....lb. .11 - —
dms. (returnable), c.l.....lb. .10 - —
l.c.l. .....lb. .10¾ - —
tanks .....lb. .09½ - —

Castor oil, med. and No. 3, prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y.; l.c.l. prices, ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.

sulphonated, 50% (42% fat), dms., c.l..lb. .09 - —
l.c.l. .....lb. .09½ - —
75% (63% fat), dms., c.l..lb. .11¼ - —
l.c.l. .....lb. .12 - —
80% (68% fat), dms., c.l..lb. .12½ - —
l.c.l. .....lb. .13 - —
Cedarleaf, cns.....lb. .75 - .80
dms. .....lb. .70 - .75
Cedarwood, Oregon, cns., dms. lb. .28 - .30
Southern, cns., dms.....lb. .18 - .20
Celery, bots.....lb.10.50 -12.50
Chaulmoogra, USP, cns., 500 lbs..lb. .95 - —
25 lbs.....lb. 1.05 - —
Chinawood, dms., Atlantic Cst. tanks .....lb. .13½ - .13¾
.1290- .1310
Cinnamon, Ceylon, bots.....lb. 9.00 -22.00
Seychelle, bots.....lb. 7.00 -10.00
Citronella, Ceylon, cns.....lb. .26 - .28
dms .....lb. .23 - .25
Java, dms. .....lb. .31 - .32
Clove, USP, cns.....lb. 1.00 - —
dms. .....lb. .98 - —
Coconut, Manila, crude, tanks. lb. .06 - —
Pac. Cst. .....lb. .05¾ - —
edible, 76°, tax incl., dms., (returnable), c.l.. .11½ - —
l.c.l. .....lb. .12¼ - —
tanks .....lb. .11¼ - —
Cod, Newfoundland, tanked, bbls..gal. 43½ Nom.
Norwegian, bbls.....gal. .38 -40
Codliver, med., Norwegian, bbls. bbl.25.00 -27.00
poultry, USP, bbls.....gal. .70 - .75
Coriander, bots.....lb. 7.25 - 7.50
Corn, crude, tanks, works...lb. .09¾ Nom.
refd., bbls.....lb. .12½ - .13
Cottonseed, dom., cooking, bbls. 100 lbs.11.55 - —
salad, bbls.....100 lbs.11.70 - —
import., Brazilian, semirefd, dms..lb. .06¾ - Nom.
British, semi-refd., dms..lb. .07¼ Nom.
Creosote (see C).
Croton, USP, cns.....lb. 1.30 - 1.35
Cubeb, USP, cns.....lb. 2.75 - 3.25
Crude (see Petroleum, crude).
Cumin, bots.....lb. 8.50 -10.00
Cypress, cns.....lb.12.00 - —
Degras (see D).
Diesel, Bayonne, bulk.....bbl. 1.65 - —
California, 27 plus, bulk..bbl. .80 - .90
Dill seed, bots.....lb. 3.15 - 3.50
Weed, bots. .....lb. 5.00 - 5.50
Dip (see D).
Erigeron, cns. .....lb. 1.45 - 1.55

Methanol—Oil Lub.

Oil, eucalyptus, cans.....lb. .35 - .36
dms .....lb. .33 - .34
Fennel, sweet, cns.....lb. 1.05 - 1.10
Fuel, bunker, California, tide-water..bbl. 83½ - .85
Gulf Coast.....bbl. .95 - —
Kansas, 24-26.....bbl. .90 - .95
Louisiana-Arkansas, 16-20.. bbl. .80 - .70
18-20 .....bbl. .65 - .75
N. Y. and N. J. terminals:—
Monday .....bbl. 1.10 - —
Tuesday .....bbl. 1.10 - —
Wednesday.....bbl. 1.10 - —
Thursday .....bbl. 1.10 - —
Friday .....bbl. 1.15 - —
Saturday .....bbl. 1.15 - —
North Texas, 24-26.....bbl. .65 - .70
26-30 .....bbl. .70 - .75
Oklahoma, 16-22.....bbl. .65 - .70
24-26 .....bbl. .70 - .75
26-30 .....bbl. .80 - .85
28-30 .....bbl. .90 - .95
Pennsylvania, 36-40.....gal. .04¼ - .04⅝
Furnace, Bayonne, 1, bulk, refinery..gal. .05¼ - —
2, bulk, same basis.....gal. .04¼ - —
3, bulk, same basis.....gal. .04¼ - —
4, bulk, same basis.....gal. .04 - —
Kansas, 38-40.....gal. .03½ - .03¾
Louisiana - Arkansas, 36 - 40, light straw.....gal. .02¾ - .03
Oklahoma, 28-30.....gal. .02¾ - .03
32-36 .....gal. .02¾ - .03
36-38 .....gal. .03¼ - .03½
38-40, straw.....gal. .03 - .03½
38-40, zero, 60 c.p.....gal. .03¾ - .03⅞
Fusel (see F).
Gas, Bayonne, 32-36, bulk..gal. .04½ - —
Gulf Coast, 32-36, bulk....gal. .02 - —
Kansas, 32-36, bulk.....gal. .02½ - .03¼
Louisiana - Arkansas, 32 - 36, bulk .....gal. .03 - .03½
North Texas, 32-36, bulk.gals. .02½ - —
Oklahoma, 32-36, zero, straw, bulk..gal. .02½ - .02¾
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns. lb. 5.00 - 6.75
Bourbon, cns.....lb. 4.75 - 6.75
Turkish, cns.....lb. 1.60 - 2.00
Grapefruit, cns.....lb. 2.85 - 2.90
Ginger, dist., bots.....lb. 5.50 - 5.75
Guaiac wood, concrete, bots.lb. 3.10 - 3.15
Haarlem, dom., bots.....gross 3.25 - 3.35
import, bots.....gruss 3.40 - 3.50
Halibut-liver, dms. 1,000 A unit-gal. .75 - 1.00
Hemlock, cns.....lb. 1.00 - 1.05
Hempseed, crude, dms.....lb. .09¼ - .09¾
refd., dms.....lb. .10½ - .10¾
Herring, tanks, Pan. Cst..gal. .31 - —
Juniper berry, USP, cns.....lb. 1.00 - 2.00
Wood, tech., cns.....lb. .45 - —
Lard, common, 1, bbls..100 lbs. 9.50 - —
2, bbls.....100 lbs. 9.25 - —
extra, bbls.....100 lbs.10.75 - —
1, bbls.....100 lbs. 9.75 - —
headlight, burning bbls.100 lbs.12.00 - —
prime, ed., bbls.....100 lbs.14.25 - —
ined., bbls.....100 lbs.12.00 - —
winter, strained, extra, bls., 100 lbs.11.00 - —
prime, bbls.....100 lbs.11.25- —
Lavender flowers, French, USP, cns..lb. 2.75 - 7.25
Garden, cns.....lb. .45 - .50
Spike, Spanish, tech., cns..lb. 1.05 - 1.40
dms. .....lb. .95 - 1.10
Lemon, Calif., cns.....lb. 1.75 - —
Messina, coppers, cns.....lb. 1.75 - 2.50
Lemongrass, native, cns., dms. lb. .42 - .45
Lime, dist., cns.....lb. 5.45 - 6.00
expressed, cns. .....lb. 9.35 -10.50
Linaloe wood, cns.....lb. 1.15 - 1.20
Linseed, boiled, bbls., c.l....lb. .1060- .1050
l.c.l., 5 or more.....lb. .1070- .1090
less than 5.....lb. .1110- .1130
tanks .....lb. .0970- .0990
double boiled, bbls., less than 5..lb. .1130- .1150
raw, bbls., c.l.....lb. .0990- .1010
l.c.l., 5 or more.....lb. .1030- .1050
less than 5.....lb. .1070- .1090
tanks .....lb. .0930- .0950
Lovage, bots.....lb.55.00 -60.00

Lubricating, at refinery (including U.S. tax 4c. per gal.):—

California, green, 70 vis., tanks..gal. .21½ - —
90, 100 vis., tanks...gal. .24½ - —
115, 120 vis., tanks...gal. .26½ - —
green, pale, 750, 900 vis., tanks..gal. .21½ - —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis., tanks..gal. .21½ - —
pale, red, 100, 140, 1,000 vis., tanks..gal. .21½ - —
pale, 75, 175 vis.,tanks.gal. .21½ - —

Oklahoma, 100 vis., 3 color, tanks..gal. .13¾ - .14
150 vis., 6-10° pour, tanks, gal. .17 - —
15-20° pour, tanks...gal. .16½ - —
3 color, tanks.....gal. .14 - .14¼
4 color, tanks.....gal. .13½ - .13¾
H, tanks.....gal. .21 - —
180 vis., 3 color, tanks.gal. .15½ - .15¼
4 color, tanks.....gal. .14¾ - .15
190 vis., tanks.....gal. .20 - —
200 vis., 3 color, tanks.gal. .15¾ - .16
4 color, tanks.....gal. .15½ - .15¼
5 color, tanks.....gal. .14¾ - .15
H, tanks.....gal. .24 - —
220 vis., 3 color, tanks.gal. .16¾ - .17
4 color, tanks.....gal. .16¼ - .16¼
5 color, tanks.....gal. .16¼ - .16¼
240 vis., 3 color, tanks.gal. .17¾ - .18
4 color, tanks.....gal. .17¼ - .17¼
260 vis., 3 color, tanks.gal. .18¾ - .19
4 color, tanks.....gal. .18 - .18¼
5½ color, tanks.....gal. .17½ - .17¾

Penna., bright, 600 cold test, 10-40 pour, tanks.. gal. .24½ - —
10-15 pour, tans...gal. .25½ - —
cylinder, 600 fire, tanks, gal. .15½ - —
600 flash, tanks.....gal. .19 - —
650 flash, tanks.....gal. .23½ - —
625 fire, tanks.....gal. .17¼ - —
650 fire, tanks.....gal. .18 - —
Warren, E, amber, tanks..gal. .19½ - —
neutral, 150 vis 3 color, tanks..gal. .23 - —
180 vis.,3 color,tanks.gal. .24½ - —
200 vis.,2 color,tanks.gal. .27 - —

spec. Penna. bright, bbls c.l.l., f.a.s..gal. .31 - —
unfiltered, 600 s.r., bbls., c.l., f.a.s..gal. .23½ - —
600 flash, s.r., bbl., c.l., f.a.s..gal. .25 - —
650 s.r., bbls., c.l., f.a.s. gal. .24½ - —
Warren, E, bbls., c.l.,f.a.s. gal. .25½ - —
smaller lots, f.o.b..gal. .30 - —

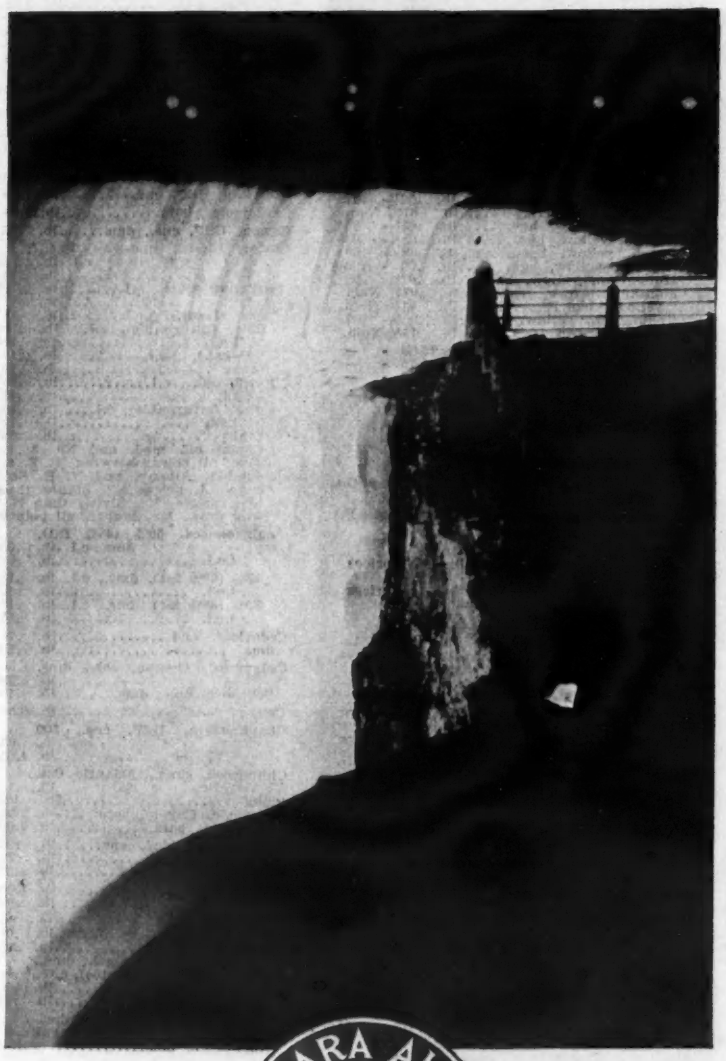
Oil, Mace—Paraffin

Oil, mace, dist, cns.....lb. 1.10 - 1.15
Menhaden, crude, tanks, f.o.b. Balto..gal. .28 - —
refd., alkali, dms., c.l.....lb. .0740- —
l.c.l. .....lb. .0740- —
tanks .....lb. .0680- —
blown, dms.....lb. .0740- —
kettle-bodied, dms.....lb. .0640- —
light pressed, dms., c.l....lb. .0680- —
l.c.l. .....lb. .0680- —
tanks .....lb. .0620- —
Mineral, white (see Oil, white mineral).
Mustard, artif., USP., bots..lb. 1.73 - 1.78
dist., natural, bots.....lb. 8.00 - 9.00
expressed, bbls.....gal. .75 - .80
Neatsfoot, cold test, bbls.100 lbs.16.00 - —
extra, bbls.....100 lbs.10.00 - —
1, bbls.....100 lbs. 9.75 - —
pure, bbls.....100 lbs.11.50 - —
Special, bbls.....100 lbs.11.00 - —
sulphonated, common, 25% moisture, dms..lb. .10½- —
Neroli bots.....lb.35.00 -60.00
Nutmeg USP, cns.....lb. 1.10 - 1.15
Oiticica, dms.....lb. .10¼- .10½
shipment .....lb. .09½ Nom.
Oleo, 1, bbls.....100 lbs.11.50 - —
2, bbls.....100 lbs.11.00 - —
Olibanum, bots.....lb. 5.25 - 5.50
Olive, dom., denat., bbls..gal. 1.40 Nom
edible, bbls.....gal. 2.00 - Nom.
foots, bbls.....lb. .09¼- .09½
sulphonated, 50% (43% fat), dms., c.l..lb. .09 - —
l.c.l. .....lb. .09½- —
75% (63% fat), dms., c.l..lb. .12½- —
l.c.l. .....lb. .13 - —
80% (68% fat), dms., c.l..lb. .13½- —
l.c.l. .....lb. .14 - —
Oil, orange, sweet, dist., cns.lb. .90 - —
expressed, African, cns., dms..lb. 1.25 - 1.30
Calif., cns.....lb. 2.85 - —
Florida, cns.....lb. 2.85 Nom.
Messina, USP, coppers..lb. 2.85 - 3.25
Spanish, cns.....lb. No stocks
West India, cns.....lb. 2.30 - 2.35
Origanum, Spanish, cns.....lb. .80 - Nom.
Orris, Florentine, concrete, extra strong, bots..oz. 5.25 - 5.50
Palm, Niger, cks.....lb. .05 - —
shipment .....lb. .0460- —
softs, 12½%, bulk, shipt...lb. .0455- —
20%, bulk, shipt.....lb. .0445- —
Sumatra, tanks.....lb. .05¾- Nom.
shipments, bulk.....lb. .0450 Nom.
Palmarosa, cns.....lb. 1.60 - 2.00
Palmkernel, bulk, shipt.....lb. .0545- —
Paraffin, 320° flash, 60-70 vis., tanks, G. S..gal. .05¼- —
330° flash, 70-80 vis., tanks, G. S..gal. .05½- —
80-85 vis., bbls. extra, Ind. refy..gal. .12 - —
350° flash, 100-105 vis., bbls. extra, Ind. refy..gal. .14 - —
360° flash, 100-110 vis., tanks, G. S..gal. .05¾- —
Patchouli, bots.....lb. 5.00 - 6.00
Peanut, crude, tanks, works.....lb. .05¾ Nom.
refd., edible, bbls.....lb. .12½ Nom.
Pennyroyal, dom., cns.....lb. 1.65 - 1.75
import, cans.....lb. 1.60 - 1.85
Peppermint, natural, cans, dms.....lb. 2.35 - 2.60
redist., USP, cans, dms....lb. 2.55 - 2.85
Perilla, dms.....lb. .09¾- .10
tanks .....lb. .09¼- .09¾
Petitgrain, Paraguay, cns...lb. 1.00 - 1.15
Pimento berry, cns.....lb. 2.30 - 2.50
Leaf, cns.....lb. 1.25 - 1.30
Oil, pine, dest.-dist., straw-color, dms., divd. E. ports..gal. .44 - —
steam-dist., straw-color, bbls.....gal. .50 - —
tanks .....gal. .44 - —
water-white, bbls.....gal. .54 - —
tanks .....gal. .50 - —
Pineneedle, Siberian, cns....lb. .90 - 1.10
Putty, bbls., El Segundo, Richmond, Cal..gal. .23½- —
contracts .....gal. .19½- —
Whiting, Ind.....gal. .26 - —
dms., c.l., Bost., Provid...gal. .25½- —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal.....gal. .26 - —
Rapeseed, blown, bbls.....lb. .11½- .12
denat., bbls.....gal. .70 - —
Red, dist. or saponif., bbls., divd.....lb. .10½- .11¾
dms, divd.....lb. .10 - .11
tanks, divd.....lb. .09½- —
white, dms, divd.....lb. .13 - .14
Rose, artif., bots.....oz. 2.00 - 3.00
natural, coppers.....oz. 5.25 -22.50
Rosemary, tech., cns.....lb. .35 - .38
USP, cns., dms.....lb. .40 - .42
Rosin, 1st rectfd., dms.....gal. .50 - .52
2d rectfd., dms.....gal. .53 - .55
3d rectfd., dms.....gal. .60 - .62
Rue, bots.....lb. 2.15 - 2.30
Sage, cns.....lb. 1.00 - 1.05
Salmon, tanks, Pac. Cst....gal. .32 - Nom.
Sandalwood, Australia, cns..lb. 4.50 - 5.00
E.I., USP, cns.....lb. 4.80 - 5.50
Sardine, crude, tanks, Pac. Cst..gal. .34 - —
rfd., alkali, dms, c.l.....lb. .0740- —
l.c.l. .....lb. .0740- —
tanks .....lb. .0680- —
kettle-bodied, dms.....lb. .0840- —
light, pressed, dms, c.l.lb. .0680- —
l.c.l. .....lb. .0680- —
tanks .....lb. .0620- —
poultry feed., dms., Pac. cst. .....gal. .50 - —
Oil, Sassafras, artif., dms.....lb. .35 - .36
cns. .....lb. .35 - .40
natural, cns., dms.....lb. .75 - 1.35
Savin, cns.....lb. 1.70 - 1.75
Sesame, dom., refd., white, dms. .....lb. .14 - .14¼
yellow, dms.....lb. .14 Nom.
Shingle stain, bbls., c.l., works. .....gal. .17½- —
l.c.l., works.....gal. .20 - —
tanks, works.....gal. .14½- —
Snakeroot, Canada, cns.....lb.10.25 -12.50
Soybean, dom., crude, dms..lb. .0910- .0970
tanks .....lb. .0850- —
refd., dms.....lb. .0930- .1050
tanks .....lb. .0900- .0950
Spearmint, USP, cns.....lb. 1.85 - 2.00
Sperm, bleach, 38°, dms.....lb. .0940-.0990
45°, dms.....lb. .0870-.0920
natural, dms.....lb. .0830-.0840
Spruce, cns.....lb. 1.00 - 1.05
Sunflowerseed, refd., dms....lb. .11¼- Nom.
Sweet birch, North., cns.....lb. 3.00 - 3.75
South., cns.....lb. 1.90 - 2.10
Tallow, acidless, bbls.....100 lbs. 9.75 - —
tanks .....100 lbs. 9.25 - —
Tansy, cns.....lb. 1.60 - 1.60
Tar, commil., dms., c.l., divd. E. cities..gal. .26 - —
E. ports.....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, divd. E. cities....gal. .20 - —
Tar acid (see T)
Teaseed, dms.....lb. .12 - .12½
Thyme, NF, red, dms.....lb. .95 - 1.25
white, dms. .....lb. .80 - 1.35
Tung (see Oil, chinawood).
Turkey red (see Oil, castor, sulphonated).
Turpentine (see T).
Turtle, cns.....gal. 4.00 - 5.00
Valerian, bots.....lb.12.50 -14.00
Vetiver, Bourb., bots.....lb.10.50 -11.00
Walnut, crude, dms.....lb. .11 - .11¼
refd., dms.....lb. .12 - .12¼
Whale, refd., natural, dms..lb. .0690- .0710
winter, bleach, dms.....lb. .0730- .0750
Wheat germ, cns., dms.....gal.27.50 -30.00
White mineral, dom., tech., 50-60 vis., dms.....gal. .42 - .44
65-75 vis., dms.....gal. .44 - .46
80-90 vis., dms.....gal. .45 - .47
U.S.P., 80-90 vis., dms..gal. .54 - .56
95-105 vis., dms.....gal. .62 - .65
125-135 vis., dms.....gal. .75½- .77½
140-150 vis., dms.....gal. .76½- .78½
175-185 vis., dms.....gal. .78½- .80½
200-210 vis., dms.....gal. .80 - .82
220-230 vis., dms.....gal. .85¼- .87½
235-245 vis., dms.....gal. .87 - .89
Russian, 75-85 vis., dom..gal. .52 - —
145-155 vis., dms.....gal. .74½- —
185-190 vis., dms.....gal. .76½- —
275-285 vis., dms.....gal. .80 - —
335-345 vis., dms.....gal. .85 - —
Wintergreen, natural, North., cns..lb. 4.00 - 5.00
South., cns.....lb. 3.25 - 3.75
synth. (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns.....lb. 2.00 - 2.10
Wormwood, cns.....lb. 2.65 - 2.75
Ylang-ylang, Bourb., bots., cns. .....lb. 3.50 - 6.00
Manila, bots.....lb.26.00 -30.00
Opium, USP, cns.....lb.11.50 -12.50
gran., cns.....lb.12.50 -13.50
powd., cns.....lb.12.50 -13.50
Orange, chrome (see Yellow, chrome).
Lake, Persian, bbls.....lb. .32 - .45
Mineral, Amer., bbls. 5 tons, divd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore and Wash..lb. .16¼- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .10¾- —
Colo., Mont., N. M., Wyo..lb. .16¼- —
Other points.....lb. .10 - —
smaller lots, divd., Ala., etc..lb. .16¾- —
Ariz., etc.....lb. .11¾- —
Colo., Mont., N. M., Wyo..lb. .11 - —
Other points.....lb. .16¼- —
French Toure, cskd., ex dock..lb. .17 - —
tgs., ex dock.....lb. .15½- —
Peel, bitter, bls.....lb. .05 - .09
Sweet, bls.....lb. .09 - .10
Toner bbls.....lb. .80 - —
Orangeflower petals, cs.....lb. .85 - .90
Orris root, Florentine, tgs.....lb. .09 - .10
fingers, cs.....lb. .95 - 1.00
powd., bbls., bxs.....lb. .12 - .13
Verona, bls.....lb. .08 - .09
powd., bxs., cs.....lb. .11 - .12
Orthoaminaldin, bbls.....lb. .82 - .84
Orthochloroanilin, dms.....lb. .60 - .75
Orthochlorophenol, dms.....lb. .35 - .75
Orthocresol, dms.....lb. .12 - .15
Orthodichlorobenzene, dms.....lb. .09½- .11½
Orthonitroanilin, dms.....lb. .42 - .60
Orthonitrochlorobenzene, kgs...lb. .20 - .30
Orthonitroparachlorophenol, cns.lb. .70 - .75
Orthonitrophenol, kgs.....lb. .65 - .80
Orthonitrotoluene, dms.....lb. .07 - .15
Orthotoluene sulphonate, kgs..lb. 2.00 - 2.05
Orthotoluidin, dms.....lb. .14½- .15
Osage orange extract, cryst., bbls. .....lb. .17 - .19
liquid, 51°, bbls.....lb. .07 - .09
Oxyquinolin sulphate, cns., 100-lbs., works..lb. 2.25 - —
bots., cns., 1-50 lbs.....lb. 2.65 - 4.00

P

Papain, powd., cs.....lb. 1.00 - 1.05
Paprika, Hungarian, bgs.....lb. .23 - .24
Spanish, extra fancy, cs.....lb. .28 - .30
fair, bgs.....lb. .24½- .25½
fancy, bgs.....lb. .27½- .28½
medium, bgs.....lb. .26½- .27½
Para-aminoacetanilide, kgs....lb. .85 Nom.
Para-aminophenol, bgs., bbls..lb. 1.05 - —
Hydrochloride, bbls.....lb. 1.25 - —
Para-amylphenol, tertiary, dms., c.l., works..lb. .26 - —
Parachlorophenol, dms.....lb. .90 - .45
Paracymene, rfd., dms.....gal. .75 - 1.25
Paradichlorobenzene, dms.....lb. .10 - .20
kegs .....lb. .15 - .25
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy..lb. .02¾- .03½
bbls., c.l., N. Y.....lb. .0240- —
124-126 A.m.p., bgs., c.l., Okla. refy..lb. .02¾- .03½
bbls., c.l., N. Y.....lb. .0245- —
yellow, 124-126 A.m.p., bbls., c.l., N. Y..lb. .03½ Nom.

PURITY and UNIFORMITY
that lighten your production problems



If you use any or all of these materials you'll find the purity and uniformity of Niagara products a real help in keeping your production on a permanently trouble-free basis.

CARBONATE OF POTASH

Niagara is the pioneer producer in the U. S. A. Our Hydrated Carbonate of Potash has received the unqualified approval of many of the nation's largest users. So has our Calcined Carbonate of Potash — an extremely white product of exceptional purity.

CAUSTIC POTASH

Niagara is also the pioneer producer of this material in America. Our standard has never been surpassed . . . and we have the experience, the facilities and the willingness to give you full cooperation in getting the best results from this high quality and uniformity. Solid, Flake, Liquid and Granulated.

CAUSTIC SODA

Niagara's long record of high quality production is our recommendation. Our experience includes cooperation with every type of industry that uses caustic soda. You will find the service as dependable as the uniformity of the product's quality.

Niagara
ALKALI COMPANY
60 EAST 42ND STREET, NEW YORK, N. Y.
Associated with Electro Bleaching Gas Co.
Pioneer Manufacturer of Liquid Chlorine

Paraffin, fully refd., slabs, 120-122 A.m.p., bgs., c.l.	lb.	No prices	
122-126 A.m.p., bgs., c.l.	lb.	.0445-	—
export, f.a.s. N. Y.	lb.	.0440-	—
126-127 A.m.p., bgs., c.l.	lb.	.0455-	—
export, f.a.s., N. Y.	lb.	.0445-	—
128-130 A.m.p., bgs., c.l.	lb.	.0480-	—
export, f.a.s. N. Y.	lb.	.0475-	—
130-132 A.m.p., bgs., c.l.	lb.	.0495-	—
export, f.a.s. N. Y.	lb.	.0490-	—
132-135 A.m.p., bgs., c.l.	lb.	.0555-	—
export, f.a.s. N. Y.	lb.	.0545-	—
135-137 A.m.p., bgs., c.l.	lb.	.0580-	—
export, f.a.s. N. Y.	lb.	.0565-	—
138-140 A.m.p., bgs., c.l.	lb.	.0665-	—
143-145 A.m.p., bgs., c.l.	lb.	.0790-	—
Refined paraffin prices in cases are ½c. lb. higher than bags price.			
match, A.m.p. up to and incl. 110-112, bbls., c.l.	lb.	.03 -	—
semirfd., solid, 122-124 A.m.p., bgs.	lb.	.02½-	Nom.
Paraformaldehyde, kgs., 1,000 lbs	lb.	.38 -	—
100-lbs.	lb.	.39 -	—
Paraldehyde, tech., dms., wks.	lb.	.16 -	.18
USP, obys.	lb.	.37 -	.45
Paranitroaniliin, kgs.	lb.	.47 -	.49
Paranitrochlorobenzene, kgs.	lb.	.23½-	.24
Paranitrophenol, kgs.	lb.	.35 -	.37
Paranitrotoluene, kgs.	lb.	.44 -	.47
Paraphenylenediamine, bbls.	lb.	1.35 -	1.39
Paratertiaryamylphenol, dms., 56,000 lbs., Wyandotte, Mich.	lb.	.23 -	—
10,000 lbs., same basis	lb.	.25 -	—
2,000 lbs., same basis	lb.	.40 -	—
1,000 lbs., same basis	lb.	.50 -	—
6 lbs., same basis	lb.	1.00 -	—
1-5 lbs., same basis	lb.	1.05 -	—
tanks, same basis	lb.	.21 -	—
Paratoluenesulphonamide, bbls.	lb.	.75 -	.79
Paratoluenesulphonanilide, bbls.	lb.	.35 -	—
Paratoluidin, bbls.	lb.	.58 -	.60
Pareira brava root, bls.	lb.	.16 -	.17
Paris green, bas., frt. all'd E. of Cleve.	lb.	.26 -	.27
kgs., same basis	lb.	.32 -	.34
kits, same basis	lb.	.36 -	—
Passion flower herb, bls.	lb.	.06½-	.07
Patchouli leaves, bls.	lb.	.15 -	.16
Pellitory root, bls.	lb.	.16 -	.17
Pennyroyal, bls.	lb.	.10 -	.11
Pentane, norm., 28-38°, dms., c.l., G.S.	gal.	.12½-	—
l.c.l., G.S	gal.	.16 -	—
tanks, G.S	gal.	.09½-	—
laboratory grade, dms c.l. G.S.	gal.	.16 -	—
l.c.l., G.S.	gal.	.25 -	—
Pepper, black, Alleppy, bgs.	lb.	.08¾-	.09¼
Lampong, bgs.	lb.	.04¼-	.04½
Tellicherry, bgs.	lb.	.09¼-	.09¾
Red, birdseye, new crop, bgs., afloat	lb.	.15 -	.15½
old crop, bgs.	lb.	.14½-	.14¾
Japanese, 1, bgs.	lb.	.12 -	.12½
Mombassa, bgs.	lb.	.16½-	.17
White, Borneo, bgs.	lb.	.08½-	.09
Java, Muntok, bgs.	lb.	.08½-	.09
Saigon, bgs.	lb.	No stocks	
Singapore, Muntok, bgs.	lb.	.08½-	.09
Peppermint leaves, dom., bls.	lb.	.30 -	.32
import., bls.	lb.	.45 -	.50
Persian berry extract, bbls.	lb.	.38	Nom.
Peru balsam, dms.	lb.	1.05 -	1.10
Petrolatum, amber, dark, bbls., c.l.	lb.	.02¾-	.03¼
light, bbls., c.l.	lb.	.03¼-	.03¾
medium, bbls., c.l.	lb.	.02¾-	.03¼
cream, bbls., c.l.	lb.	.03 -	.03¼
green, dark, bbls., c.l.	lb.	.02¼-	.02¾
red, bbls., c.l.	lb.	.02¾-	.03¼
veterinary, bbls., c.l.	lb.	.02¾-	.03¼
white, lily, bbls., c.l.	lb.	.03 -	.03¼
snow, bbls., c.l.	lb.	.07 -	.07¼
Petroleum, crude, bulk, at wells:—			
California:—			
Alamitos Heights	bbl.	.74 -	.86
Athens	bbl.	.94 -	1.07
Belridge	bbl.	.70 -	1.33
Buena Vista Hills	bbl.	.70 -	1.38
Coalinga	bbl.	.70 -	.90
Coyote Hills (West)	bbl.	.75 -	1.33
Dominguez	bbl.	.70 -	1.04
East Coyote	bbl.	.75 -	.90
Elk Hills	bbl.	.70 -	1.38
Elwood Terrace, f.o.b. ship.	bbl.	1.28 -	1.43
Huntington Beach	bbl.	.75 -	1.33
Inglewood	bbl.	.70 -	1.37
Kern Front	bbl.	.70 -	—
Kern River	bbl.	.70 -	—
Kettleman Hills	bbl.	1.10 -	1.43
La Habra	bbl.	.76 -	.90
Lakeview	bbl.	.70 -	1.28
Lost Hills	bbl.	.70 -	1.33
McKittrick	bbl.	.70 -	—
Midway - Sunset (except Lakeview)	bbl.	.70 -	1.38
Montebello	bbl.	.77 -	1.43
Mt. Poso	bbl.	.70 -	—
Mountain View	bbl.	.70 -	1.30
Newhall	bbl.	.70 -	—
Olinda Brea	bbl.	.70 -	1.27
Orcutt	bbl.	.70 -	.96
Playa del Rey, f.o.b. pipe-line	bbl.	.80 -	1.16
Richfield	bbl.	.76 -	1.09
Rosecrans	bbl.	.84 -	1.06
Round Mt.	bbl.	.70 -	—
Santa Fe Springs	bbl.	.78 -	1.43
Santa Paula	bbl.	.70 -	1.01
Seal Beach	bbl.	.70 -	1.19
Signal Hill	bbl.	.80 -	1.21
Torrence	bbl.	.80 -	1.06
Wheeler Ridge	bbl.	.70 -	.85
Whittier	bbl.	.76 -	.90
Canada:—			
Oil Springs	bbl.	2.17 -	—
Petrolia	bbl.	2.10 -	—
Central West:—			
Illinois	bbl.	1.23 -	—
Lima	bbl.	1.15 -	—
Midland (Mich.)	bbl.	1.33 -	—
Princeton	bbl.	1.15 -	—
East Texas	bbl.	1.15 -	—
Gulf Coast:—			
Barber's Hill	bbl.	.92 -	1.28
Batson	bbl.	.92 -	1.23
Conroe	bbl.	1.24 -	1.84
Dayton	bbl.	.92 -	1.23
Evangeline	bbl.	.92 -	1.23
Goose Creek	bbl.	.92 -	1.33
High Island	bbl.	.92 -	1.23
Hull	bbl.	.92 -	1.33
Humble	bbl.	.92 -	1.23
Liberty	bbl.	.92 -	1.33
Markham	bbl.	.92 -	1.23
Orange	bbl.	.92 -	1.33
Pettus	bbl.	1.25 -	—
Pierce Junction	bbl.	.92 -	1.23
Port Lavaca	bbl.	.90 -	—
Refugio, heavy	bbl.	.90 -	—
light	bbl.	.92 -	1.23
Saratoga	bbl.	.92 -	1.23
Sour Lake	bbl.	.92 -	1.23
Spindle Top	bbl.	.92 -	1.23
Sugarland	bbl.	.92 -	1.23
Terry	bbl.	.92 -	1.23
West Columbia	bbl.	.92 -	1.23
Kentucky, Tennessee:—			
Oil City, in Stell lines	bbl.	.100 -	—
Somerset	bbl.	1.30 -	1.33
Western Kentucky, all gravities	bbl.	1.32 -	—
Petroleum, crude, bulk, at wells, Louisiana, Arkansas:—			
Bosco	bbl.	1.02 -	—
Bull Bayou	bbl.	.71 -	1.08
Caddo	bbl.	.76 -	1.10
Cameron Meadows	bbl.	.83 -	1.13
Cotton Valley	bbl.	.76 -	1.10
De Soto	bbl.	.76 -	1.10
El Dorado	bbl.	.76 -	1.10
Haynesville	bbl.	.76 -	1.10
Homer	bbl.	.76 -	1.10
Iowa	bbl.	.72 -	1.08
Lookport	bbl.	.92 -	1.23
Miller County	bbl.	.76 -	1.10
Nevada	bbl.	.88 -	—
Pine Island	bbl.	.84 -	1.08
Rodessa	bbl.	.76 -	1.10
Smackover	bbl.	.75 -	.80
Urania	bbl.	.97 -	—
Mexico, f.o.b. terminals, Mexican ports—based on contract:—			
Panuco	bbl.	1.00 -	—
Tax, 12.665c. per bbl.			
Tuxpan		No prices	
Tax, 20.743c. per bbl.			
Midcontinent:—			
Corsicana	bbl.	.89 -	—
North Texas	bbl.	.89 -	1.13
Oklahoma-Kansas	bbl.	.89 -	1.13
Pennsylvania, Ohio, West Virginia:—			
Bradford-Allegany	bbl.	2.45 -	—
Corning	bbl.	1.32 -	—
Pennsylvania grade, in Buckeye lines	bbl.	1.97 -	—
Eureka lines	bbl.	2.12 -	—
S.W. Penn lines	bbl.	2.17 -	—
lower district in National Transit lines	bbl.	2.27 -	2.43
Rocky Mountain:—			
Big Muddy	bbl.	1.11 -	—
Cat Creek	bbl.	1.07 -	—
Elk Basin	bbl.	1.13 -	—
Frannie, heavy	bbl.	.73 -	—
light	bbl.	.76 -	—
Grass Creek, heavy	bbl.	.73 -	—
light	bbl.	1.13 -	—
Greybull	bbl.	1.26 -	—
Lance Creek	bbl.	.75 -	—
Pondera	bbl.	1.05 -	—
Rock Creek	bbl.	1.13 -	—
Salt Creek	bbl.	.94 -	1.13
Sunburst	bbl.	1.15 -	—
South, Central and Southwestern Texas:—			
Cass County	bbl.	.89 -	1.10
Darst Creek	bbl.	.97 -	1.03
Luling	bbl.	.99 -	—
Lytton Springs	bbl.	1.00 -	—
Mirando	bbl.	.85 -	—
Panola County	bbl.	.84 -	1.00
Salt Flat	bbl.	1.02 -	—
Saxet	bbl.	.90 -	—
Tomball	bbl.	1.20 -	—
Van	bbl.	.79 -	1.03
Texas Panhandle:—			
Carson-Hutchinson counties	bbl.	.81 -	.92
Gray County	bbl.	.89 -	.99
West Texas:—			
Artesia, N. M.	bbl.	.75 -	—
Crane	bbl.	.75 -	.86
Crockett	bbl.	.75 -	.89
Ector	bbl.	.75 -	.89
Glasscock	bbl.	.75 -	.89
Hobbs, N. M.	bbl.	.85 -	—
Hogback	bbl.	1.21 -	—
Howard	bbl.	.75 -	.89
Jackson, N. M.	bbl.	.75 -	—
Lea, N. M.	bbl.	.75 -	.89
Maljamar, N. M.	bbl.	.75 -	—
Mitchell	bbl.	.80 -	—
Pecos	bbl.	.75 -	.89
Upton	bbl.	.75 -	.89
Winkler	bbl.	.85 -	—
other, 30-60°, dms., c.l., G.S.	gal.	.15 -	—
l.c.l., G.S.	gal.	.17 -	—
tanks, G.S.	gal.	.13 -	—
35-60°, dms., l.c.l., G.S.	gal.	.35 -	—
40-75°, dms., c.l., G.S.	gal.	.15 -	—
l.c.l., G.S.	gal.	.16 -	—
tanks, G.S.	gal.	.13 -	—
laboratory grade, dms., c.l., G.S.	gal.	.16 -	—
l.c.l., G.S.	gal.	.20 -	—
16-gal. lots, G.S.	gal.	.30 -	—
Lacquer, diluent, at refinery:—			
California, 40-51, 225 i.b.p., 385 e.p., tanks	gal.	.12 -	—
52-62, 160 i.b.p., 370 e.p., tanks, delvd. Los Angeles	gal.	.12½-	—
San Francisco	gal.	.14 -	—
f.o.b. Richmond	gal.	.14 -	—
Willbridge, Ore.; Pt. Wells, Wash.	gal.	.14½-	—
61-68, 140 i.b.p., 375 e.p., tanks	gal.	.15 -	—
East Coast, tanks	gal.	.13 -	.13½
drums	gal.	.19 -	—
Group 3, tanks	gal.	.07½-	.08½
Naphtha, cleaners, at refinery:—			
East Coast, tanks	gal.	.09½-	—
Group 3, tanks	gal.	.07½-	.07¼
tankwagon, Boston, ex-tax	gal.	.12 -	—
Chicago, inc. 3c. tax.	gal.	.139 -	.149
Decatur, inc. 3c. tax.	gal.	.169 -	.179
Des Moines, inc. 3c.tax.	gal.	.167 -	.177
Evansville, Ind., ex tax.	gal.	.143 -	.156
Milwaukee, inc. 4c. tax.	gal.	.182 -	.192
Minneapolis-St. Paul, inc. 3c. tax.	gal.	.173 -	.183
Newark, ex tax.	gal.	.11¼-	—
New York, ex tax.	gal.	.11¼-	—
Omaha, ex tax.	gal.	.149 -	.159
Oklahoma City, ex tax.	gal.	.129 -	.139
Philadelphia, ex tax.	gal.	.14 -	—
St. Louis, ex tax.	gal.	.129 -	.139
Tulsa, ex tax.	gal.	.15 -	.16
high solvency, aromatic, 8, tanks, frt. alld. within 100 mi. radius of Paulsboro, N. J.	gal.	.17 -	—
delivery beyond 100 mi., f.o.b. Paulsboro, frt. equald nearest comp. pt.	gal.	.16½-	—
90, same basis	gal.	.16½-	.17
hydrogenated, 1, tanks, f.o.b. Bayway, frt. equald. nearest comp. pt.	gal.	.16 -	—
8, same basis	gal.	.16 -	—
8, same basis	gal.	.19 -	—
4, same basis	gal.	.19 -	—
V.m.&p., at refinery:—			
California, 49.5, 225 i.b.p., 360 e.p., tanks, f.o.b. El Segundo	gal.	.12½-	—
Richmond	gal.	.14 -	—
Willbridge, Ore., Pt. Wells, Wash.	gal.	.14½-	—
54-57, 190 i.b.p., 310 e.p., tanks, delvd. Los Angeles	gal.	.12½-	—
San Francisco	gal.	.15 -	—
East Coast, tanks	gal.	.16 -	—
Group 3, tanks	gal.	.07½-	.07¾
Pennsylvania, tanks	gal.	.07½-	—
Petroleum, naphtha, V.M.&P., tankwagon, Boston, ex-tax	gal.	.19 -	—
Chicago, inc. 3c. tax.	gal.	.139 -	.149
Decatur, inc. 3c. tax.	gal.	.179 -	—
Des Moines, inc.3c.tax.	gal.	.177 -	.187
Evansville, Ind, ex tax.	gal.	.143 -	.153
Milwaukee, inc. 4c.tax.	gal.	.182 -	.192
Minneapolis-St. Paul, inc. 3c. tax.	gal.	.173 -	.183
Newark, ex tax.	gal.	.13¼-	—
New York, ex tax.	lb.	.11¼-	—
Omaha, ex tax.	gal.	.149 -	.159
Philadelphia, ex tax.	gal.	.13 -	—
St. Louis, ex tax.	gal.	.130 -	.146
Solvent, rubber, at refinery:—			
California, 60.2-63.5, 167 i.b.p., 230 e.p., tanks, inc. tax.	gal.	.14 -	.14½
62.2, 104 i.b.p., 205 e.p., tanks, inc. tax.	gal.	.14 -	.14½
East Coast, tanks	gal.	.09½-	—
Group 3, light, 120 i.b.p., 250 e.p., tanks	gal.	.07½-	.07¾
standard, 180 i.b.p., 295 e.p., tanks	gal.	.07½-	.07¾
Stoddard (CS 8-28), at refinery):—			
East Coast, tanks	gal.	.09½-	—
Group 3, tanks	gal.	.06¾-	.07
tankwagon, Boston, ex tax	gal.	.13½-	—
Chicago, inc. 3c. tax.	gal.	.134 -	.144
Decatur, inc. 3c. tax.	gal.	.139 -	.149
Des Moines, inc. 3c.tax.	gal.	.157 -	.167
Evansville, Ind., ex tax.	gal.	.136 -	.146
Milwaukee, inc. 4c. tax.	gal.	.172 -	.182
Minneapolis-St. Paul, inc. 4c. tax.	gal.	.148 -	.158
Newark, ex tax.	gal.	.10½-	—
New Orleans, ex tax.	gal.	.11 -	—
New York, ex tax.	gal.	.10½-	—
Oklahoma City, ex tax.	gal.	.12 -	.13
Omaha, ex tax.	gal.	.13 -	.14
Philadelphia, ex tax.	gal.	.11¼-	—
St. Louis, ex tax.	gal.	.109 -	.119
Tulsa, ex tax.	gal.	.10 -	.11
Thinner, at refinery:—			
California, 55.5, 300 i.b.p., 413 e.p., low aniline, tanks, f.o.b. Los Angeles	gal.	.14 -	—
Portland, Ore.	gal.	.15 -	—
Richmond	gal.	.13½-	—
Seattle, Wash.	gal.	.13½-	—
43-46, 305 i.b.p., 410 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore.	gal.	.12½-	—
Richmond	gal.	.13 -	—
Southern California	gal.	.11½-	—
55, 200 i.b.p., 505 e.p., tanks, f.o.b. El Segundo	gal.	.12½-	—
Portland, Ore.	gal.	.14½-	—
Richmond	gal.	.14 -	—
Seattle, Wash.	gal.	.14½-	—
East Coast, 43-47, tanks	gal.	.09 -	.10
47-49, tanks	gal.	.09 -	—
Group 3, tanks	gal.	.06¾-	.07¼
Pennsylvania, tanks	gal.	.06¾-	—
tankwagon, tax included:—			
Albany	gal.	.11 -	—
Baltimore	gal.	.13 -	.16
Binghamton, N. Y.	gal.	.14 -	.16
Boston	gal.	.12 -	.13
Bridgeport, Conn.	gal.	.13 -	—
Buffalo	gal.	.12½-	—
Camden, N. J.	gal.	.119 -	.135
Chicago	gal.	.140 -	.156
Decatur, Ill.	gal.	.160 -	—
Des Moines	gal.	.157 -	.167
Evansville, Ind.	gal.	.136 -	.146
Milwaukee	gal.	.172 -	.182
Minneapolis-St. Paul	gal.	.197 -	.207
Newark	gal.	.10½-	—
New York (200 gals.)	gal.	.10½-	—
smaller lots	gal.	.11 -	—
Omaha	gal.	.139 -	.149
Philadelphia	gal.	.115 -	.125
Pittsburgh	gal.	.12 -	.14
Providence	gal.	.12 -	.13
Rochester	gal.	.12 -	.14
St. Louis	gal.	.126 -	.136
Syracuse	gal.	.13 -	.15
Trenton	gal.	.11¼-	.12½
Wilmington, Del.	gal.	.15 -	—
contracts, 1,000 gals.	gal.	.13 -	—
Phenobarbital, bots.	lb.	4.50 -	4.55
Phenol, USP, dms, c.l., works, frt. equald.	lb.	.14¼-	—
l.c.l., same basis	lb.	.15 -	—
tins, c.l., same basis	lb.	.15¼-	—
l.c.l., same basis	lb.	.16 -	—
Phenolphthalein, USP, bbls., dms., 2,000 lbs.	lb.	.75 -	—
bbls., dms., kegs, 100-250 lbs.	lb.	.77 -	—
yellow, bbls.	lb.	.70 -	—
Phenyl chloride, dms.	lb.	.16 -	—
Phenylacetalhedyde, bots.	lb.	3.50 -	6.75
Phenylhydrazin hydrochloride, CP, bots., works.	lb.	3.30 -	5.10
commercial, kgs., works.	lb.	3.30 -	6.50
pure, bots., works	lb.	2.95 -	3.25
Phloroglucinol, CP, tins, works.	lb.	20.00 -	22.00
tech., tins, works	lb.	15.00 -	16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 70% min., bulk, mines	long ton.	4.35 -	—
land pebble, 68% min., bulk, mines	long ton.	1.85 -	—
70% min., bulk, mines	long ton.	2.35 -	—
72% min., bulk, mines	long ton.	2.85 -	—
75% basis, 74% min., bulk mines	long ton.	3.85 -	—
Tenn., 72%, bulk, mines	long ton.	4.50 -	—
75%, bulk, mines	long ton.	5.50 -	—
Phosphorus, red, cs.	lb.	.40 -	.44
Yellow, cs.	lb.	.28 -	.37½
Oxychloride, cyls.	lb.	.16 -	.20
Sesquisulphide, cs.	lb.	.28 -	.49
Trichloride, cyls.	lb.	.16 -	.20
Phthalic anhydride, dms., c.l., works, frt. alld. E. of Miss. R.	lb.	.14½-	—
l.c.l., same basis	lb.	.15½-	—
Pichi leaves, bgs.	lb.	.08 -	.10
Pilocarpine hydrochloride, bots., vls.	oz.	2.60 -	2.75
Nitrate, bots., vls.	oz.	2.40 -	2.65
Pimento, bgs.	lb.	.14¾-	.15¼
Pinkroot, bls.	lb.	.25 -	.30
Pitch, Burgundy (see B).			
Coaltar, 100° m.p., bbls., c.l., works	ton.	19.00 -	—
l.c.l.	ton.	22.00 -	—
Hardwood, 1-time, dm., c.l., dlvd. Akron	ton.	20.00 -	21.00
f.o.b. works	ton.	15.00 -	—
Linseed, dms.	lb.	.04½-	.05
Petroleum (see Asphaltum, Mexican, Texas).			
Pine, bbls.	bbl.	4.00 -	4.80
Stearin, dms.	lb.	.03 -	.04½
Plaster of paris (see Gypsum).			
Pleurisy root, bls.	lb.	.13 -	.15
Podophyllin, cns.	lb.	2.00 -	2.25
Poke root, bls.	lb.	.06½-	.07
Pomegranate bark, bgs.	lb.	.18 -	.19
Root bark, bgs.	lb.	.40 -	.41

Paraffin—Pyrocatechin

Poppy flowers, red, bls.	lb.	.35 -	.40
Seed, Dutch, bgs.	lb.	.07½-	.07¾
Hungarian, bgs.	lb.	No stocks.	
Polish, bgs.	lb.	.07 -	.07½
Potash acetate, USP, bbls., kgs.	lb.	.26 -	.28
50% sol., bbls.	lb.	.03½-	.03
Bicarbonate, USP, cryst., bbls.	lb.	.09 -	.12
gran., bbls.	lb.	.10 -	.15
Bichromate, bbls.	lb.	.03½-	.03
Binoxalate, dms.	lb.	.26 -	—
Bisulphate, kgs.	lb.	.15½-	.18
Bromide, bbls.	lb.	.31 -	.33
Carbonate, calc., 99-100%, cks.	lb.	.03½-	.03
96-98%, cks., c.l., Bost., Balto. arrival	lb.	.03¾-	—
l.c.l., 5 or over, same basis	lb.	.07½-	—
N. Y. arrival	lb.	.07½-	—
N. Y. stocks	lb.	.07½-	—
less than 5, Bost., Balto. arrival	lb.	.07½-	—
N. Y. arrival	lb.	.07¾-	—
N. Y. stocks	lb.	.07¾-	—
80-85%, cks.	lb.	.07¼-	.07¼
hydrated, 83-85%, bbls., c.l., works	lb.	.06 -	—
l.c.l., 10 or over	lb.	.06¼-	—
1-9	lb.	.06¾-	—
liquid, dms., dlvd.	lb.	.02½-	.03¾
USP, gran., bbls.	lb.	.14 -	—
powd., bbls.	lb.	.17 -	—
Caustic, flake, 88-92%, dom., dms., c.l., works	lb.	.07 -	—
l.c.l.	lb.	.07¼-	.07¾
import., dms.	lb.	.07 -	.07¾
liquid, 45% basis, dms.	lb.	.03½-	.03¾
tanks	lb.	.02¾-	—
solid, 88-92%, dom., dms., c.l., works	lb.	.06¼-	—
l.c.l.	lb.	.06½-	.06¾
import., cakes	lb.	.06¼-	.06¾
Chlorate cryst., kgs.	lb.	.09¼-	.09½
gran., kgs.	lb.	.12 -	.12
powd., kgs.	lb.	.06½-	.06¾
Chloride, tech., 95% cryst., bbls.	lb.	.04 -	.04½
Chromate, kgs.	lb.	.32 -	.36
Citrate, USP, gran., bbls., 250 lbs.	lb.	.36 -	—
kgs., 100 lbs.	lb.	.37 -	—
cns., 50 lbs.	lb.	.38 -	—
cns., 25 lbs.	lb.	.40 -	.41
Cyanide, cns., dms.	lb.	.55 -	.60
Glycerophosphate, 77% sol., cns., 100 lbs.	lb.	1.35 -	1.60
Guaiacolsulphonate, cns.	lb.	1.65 -	1.70
Hydroxide, USP, sticks, cns.	lb.	.26 -	.27
Hypophosphite, cns.	lb.	.73 -	.77
Iodate, bbls.	lb.	3.20 -	3.25
Iodide, bbls., fib. dms.	lb.	1.10 -	1.15
Kainit, high-grade, 20% K_2O, bulk, c.l.f. ports	ton.	13.00 -	—
Prices for potash kainit, manure salt, muriate, sulphate and potash magnesia-sulphate are subject to discount according to time orders are placed and time of delivery. See fertilizer market report for particulars.			
Manure salt, dom., 20% K_2O, bulk, c.l.f. ports	ton.	13.00 -	—
run of mine, approx. 30% K_2O, bulk, c.l.f. ports, unit-ton.	unit-ton.	.55 -	—
import., 30% K_2O, bulk, shipt.	unit-ton.	.55 -	—
Metabisulphite, kgs.	lb.	.15 -	—
Muriate, dom., all strengths, min. 80% K_2O, bulk, unit-ton.	unit-ton.	.50 -	—
import., all strengths, min. 80% KCl, basis 50% K_2O, bulk, c.l.f. ports, unit-ton.	unit-ton.	.50 -	—
Potash muriate prices in bags are $2 ton higher than bulk price.			
Oxalate, pure, cryst., kgs.	lb.	.30 -	.31
tech., bbls.	lb.	.28 -	.29
Perchlorate, kgs., works.	lb.	.09 -	.11
Permanganate, tech., dms.	lb.	.18½-	.19
Prussiate, red, bbls.	lb.	.35 -	.37
Yellow, bbls.	lb.	.18 -	.19
Silicate alkaline, lump, bags.	lb.	.07 -	—
Sulphate, NF, bbls.	lb.	.13 -	.14
tech., 90-95%, min. 90%, bgs., shipt., c.l.f. ports	ton.	30.25 -	—
Vegetable, bulk, f.o.b. Balto.	ton.	19.97	Nom.
Xanthate, dms., c.l.	lb.	.19 -	—
l.c.l.	lb.	.18½-	—
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipt.	ton.	24.75 -	—
Potash-titanium oxalate, kgs.	lb.	.33 -	.36
Prickly ash bark, bls.	lb.	.12 -	.13
Berries, bls.	lb.	.15 -	.16
Prince's pine herb, bls.	lb.	.17½-	.18
Propane, tanks, G.S.	gal.	.03 -	.04¾
Psyllium seed (see Fleaseed).			
Pulsatilla, bls.	lb.	.15 -	.18
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 5 or over, works	lb.	.03 -	—
less than 5, works	lb.	.03½-	—
F and 1, bbls., 5 or over, works	lb.	.03½-	—
less than 5, works	lb.	.04 -	—
0, 0½, 0¾, and ½ bbls., 5 or over, works	lb.	.04 -	—
0, 0-½, 0-¾, and ½ bbls., less than 5, works	lb.	.04½-	—
Ital.-grd., bgs., c.l., shipt., ex dock, N. Y.	ton.	33.00 -	—
l.c.l., 5-20 tons, ex whse.	ton.	38.00 -	—
1,000-10,000 lbs., ex whse.	ton.	39.00 -	—
2 bgs. to 1,000 lbs., ex whse.	ton.	41.00 -	—
single bgs., ex whse.	ton.	46.00 -	—
Pumpkin seed, bgs.	lb.	.11 -	.14
Purple lake (see Red).			
Putty, com'l, dms.	100 lbs.	3.00 -	—
linseed oil, raw, dms.	100 lbs.	4.75 -	—
refined, dms.	100 lbs.	5.25 -	—
standard, dms.	100 lbs.	3.75 -	—
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrins (Sail test) dms. (incl.) frt. alld. E. of Rockies, standard brand	gal.	4.25 -	4.60
standard make	gal.	4.25 -	4.60
basis 3.6% pyrethrins, dms. (incl.) frt. alld. E. of Rockies, standard brand	gal.	6.25 -	6.60
Pyrethrum flowers, coarse, grnd. (g.f.p), Japan, bgs., 15 tons or over	lb.	.21½-	—
fine powd., Dalmat., bbls., kgs.	lb.	.14 -	.19
Japan, bbls., 5 tons	lb.	.14 -	—
Pyridin, denaturing, dms.	gal.	1.20 -	—
refd., 2°, dms.	lb.	.40 -	—
Pyrites, Spanish, bulk, c.l.f. Atl. ports	unit-ton.	.12-.13	Nom.
Pyrocatechin, CP, cryst., works, tin, dms., tins	lb.	2.15 -	2.40
resublimed, tin, dms., tins	lb.	4.00 -	—

Quassia—Safflower

Q

Quassia, chips, bls.....lb. .06 - .07
Quebracho extract, liquid, 25% tan., bbls., works..lb. .03¾- —
tanks, works.....lb. .02¾- —
solid, 62% tan., bgs., c.l., ex dock, plus duty..lb. .03¾- —
clarified, 64% tan., bgs., c.l., same basis..lb. .04¾- —
Queen of the meadow herb, bgs..lb. .06 - .07
Root, bgs.....lb. .06 - .07
Quercitron extract, liquid, 51°, bbls..lb. .06 - .06
solid, dms.....lb. .10 - .13
Quicksilver, dom., flasks (76 lbs. net), divd., N. Y..flask 93.00 - 95.00
Quince seed, bgs.....lb. .45 - 1.85
Quinidine, cryst., small, cns...oz. .96 - —
large, cns.....oz. .93 - —
pwd., precip., cans.....oz. .91 - —
Sulphate, cns.....oz. .67 - —
Quinine, 100 ozs., cns.....oz. .74 - —
Acetate, cns.....oz. .93 - —
Arsenate, cns.....oz. .93 - —
Arsenite, cns.....oz. 1.00 - —
Bisulphate, cns.....oz. .53 - —
Citrate, cns.....oz. .71 - —
Dihydrobromide, bots.....oz. .74 - —
Dihydrochloride, bots.....oz. .74 - —
Ethylcarbonate, cns.....oz. .74 - —
Ferrocyanide, cns.....oz. 1.00 - —
Formate, cns.....oz. .93 - —
Glycerophosphate, cns.....oz. 1.13 - —
Hydrochloride, cns.....oz. .66½- —
Hydrochlorosulphate, cns....oz. .74 - —
Quinine, hydroiodide, cns.....oz. .93 - —
Hypophosphite, cns.....oz. .93 - —
Phosphate, cns.....oz. .81 - —
Salicylate, cns.....oz. .72 - —
Sulphate, U.S.P. X, cns.....oz. .53 - —
U.S.P. XI, cns.....oz. .53½- —
Sulphocarbolate, cns.....oz. .96 - —
Tannate, cns.....oz. .57 - —
Tartrate, cns.....oz. .96 - —
Valerate, cns.....oz. .92 - —
Quinine-urea hydrochloride, cns.oz. .74 - —

R

R salt, bbls.....lb. .52 - .57
Rapeseed, Belgian, bgs.....lb. .04¾- .05½
Dutch, bgs.....lb. .05¼- .05⅝
Japanese, bgs.....lb. .05¼- .05⅝
Raspberries, dried, bbls.....lb. .75 - .80
Red, alizarin lake, bbls., divd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis.....lb. 1.10 - —
Alizarin lake prices are ½c. higher divd. Ala., Fla., Ga., La. (Shreveport 1¼c.), Miss., N.C., S.C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher divd. Pac. coast; 1¼c. higher divd. Tex. (El Paso, 2c.); for Denver Pueblo Salt Lake City, Wichita, prices are f.o.b. Chicago.
Amaranth (see Red, maroon, lake).
Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld..lb. .80 - —
smaller lots, same basis.lb. .85 -
Red, cadmium, lithopone, deep shade, kgs., ton lots, same basis..lb. .85 - —
smaller lots, same basis.lb. .90 -
light shade, bbls., ton lots, same basis..lb. .65 - —
smaller lots, same basis.lb. .70 -
kgs., ton lots, same basis.lb. .70 -
smaller lots, same basis.lb. .75 -
light-medium shade, bbls., ton lots, same basis..lb. .70 - —
smaller lots, same basis.lb. .75 -
kgs., ton lots, same basis.lb. .75 -
smaller lots, same basis.lb. .80 - —
maroon shade, bbls., ton lots same basis..lb. .90 - —
smaller lots, same basis.lb. .95 - —
kgs., ton lots, same basis.lb. .95 - —
smaller lots, same basis.lb. 1.00 - —
medium shade, bbls., ton lots, same basis..lb. .75 - —
smaller lots, same basis.lb. .80 - —
kgs., ton lots, same basis.lb. .80 - —
smaller lots, same basis.lb. .85 -
selenide, bbls., c.l., works.lb. 2.00 - —
l.c.l., works.....lb. 2.50 - —
Orange, bbls., c.l., works.lb. 1.50 - —
l.c.l., works.....lb. 1.75 - —
Carmine 40, cns., 300 lbs....lb. 4.00 - —
100 lbs.....lb. 4.15 - —
11 lbs.....lb. 4.40 - —
Persian madder (see Red, purple oxide).
Red, eosin, kgs.....lb. .65 - —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N.Y..lb. .08¾- —
80%-85%, bbls., same basis.lb. .07 - —
iron oxide (see Red, oxide).
Lake C toner, bbls., same basis alizarin lake, contracts..lb. 1.25 - —
open order.....lb. 1.30 - —
Lithol toner, bbls., same basis alizarin lake, contracts..lb. .75 - —
open order.....lb. .80 - —
Lithol-rubin toner, bbls., same basis alizarin lake..lb. 1.65 - —
Maroon lake, 25%, kgs., same basis alizarin lake, contracts, lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech., dom., bbls., lb. 1.30 - —
Metallic, bbls.. Pa., works..lb. .03 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .06¾- —
l.c.l., works.....lb. .09¾- —
reduced, 50% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y..lb. .08¾- —
50% copperas oxide, bbls., same basis..lb. .07¾- —
Para toner, concent., kgs., same basis alizarin lake, contracts..lb. .75 - —
open order..lb. .80 - —
Persian Gulf oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N.Y..lb. .04¾- —
ex whse., Chicago, St. Louis..lb. .04¾- —
San Fran., Los Ang., Portland, Seattle....lb. .05 - —
Purple lake, kgs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .06 - —
Toner, kgs.....lb. 1.50 - 2.00
Rose lake, bbls.....lb. .20 - .30
Pink, bbls.....lb. .15 - .25
Scarlet ink toner, kgs., same basis alizarin lake..lb. .45 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .35
Spanish oxide, 1, bbls., c.l., f.o.b. N.Y., Pa., ship. pt. or ex dock N. Orleans, Phila.lb. .03½ Nom.
f.o.b. St. Louis.....lb. .03¾ Nom.
l.c.l., f.o.b. Bethlehem, Easton, N.Y., N. Orleans, Phila..lb. .03¾ Nom.
St. Louis.....lb. .04 Nom.
ex dock or ex whse., San Fran., Los Ang., Port., Seat..lb. .04½ Nom.
ex whse., Chgo., Cleve., Pgh..lb. .04¼ Nom.
2 bbls., c.l., f.o.b. N. Y., Pa., ship pt. or ex dock N. Orleans, Phila..lb. .02¾ Nom.
f.o.b. St. Louis.....lb. .03 Nom.
l.c.l., f.o.b. Bethlehem, Easton, N.Y., N. Orleans, Phila..lb. .03 Nom.
St. Louis.....lb. .03¼ Nom.
ex dock or ex whse., San Fran., Los Ang., Port., Seat..lb. .03¾ Nom.
ex whse., Chgo., Cleve., Pgh..lb. .03½ Nom.
3, bbls., c.l., f.o.b. N.Y., Pa., ship pt. or ex dock N. Orleans, Phila..lb. .0265 Nom.
f.o.b. St. Louis.....lb. .0290 Nom.
l.c.l., f.o.b. Bethlehem, Easton, N. Orleans, N.Y., Phila..lb. .0290 Nom.
St. Louis.....lb. .0315 Nom.
ex dock or ex whse., San Fran., Los Ang., Port., Seat..lb. .03¾ Nom.
ex whse., Chgo., Cleve., Pgh..lb. .0340 Nom.
Teluidia toner, kgs., same basis alizarin lake..lb. 1.35 - —
Tuscan, 1, bbls., f.o.b. N. Y., E. St. Louis..lb. .25½- —
2, bbls., same basis.....lb. .30½- —
3, bbls., same basis.....lb. .33½- —
4, bbls., same basis.....lb. .33½- —
5, bbls., same basis.....lb. .34 - —
6, bbls., same basis.....lb. .34 - —
7, bbls., same basis.....lb. .34 - —
8, bbls., same basis.....lb. .23 - —
9, bbls., same basis.....lb. .31½- —
10, bbls., same basis.....lb. .18¾- —
Venetian, bbls., works.....lb. .0190- —
10%, bbls., works.....lb. .0215- —
13%, bbls., works.....lb. .02¼- —
20%, bbls., works.....lb. .02¼- —
25%, bbls., works.....lb. .02¾- —
30%, bbls., works.....lb. .03 - —
35%, bbls., works.....lb. .0335- —
40%, bbls., works.....lb. .03¾- —
Vermilion, American, bbls., same basis alizarin lake..lb. .15 - —
English quicksilver, bbls., 500-lbs..lb. 1.75 - —
smaller lots.....lb. 1.78 - 1.85
Red dyes are listed under Dyes.
Red precipitate, U.S.P. IX bxs., fib. dms., kgs., 100-lbs..lb. 1.64 - —
Red saunders wood, ground, bbls. lb. .12 - .17
Resorcinol, tech., cns., works..lb. .75 - .80
USP, cryst., cns., kgs., works.lb. 1.50 - 1.55
Rhatany root, bgs.....lb. .09 - .10
Rhodinol, bots.....lb. 5.75 - 9.00
Rhubarb, root, bbls., cs., kgs..lb. .20 - .21
powd., bbls., kgs.....lb. .24 - .25
Rochelle salt, cryst., bbls.....lb. .14 - —
powd., bbls.....lb. .13 - —
Rose flowers, pale, bls.....lb. .25 - .28
Red, bls.....lb. 2.00 - 2.10
Water, triple.....djn. 4.75 - 5.00
Rosemary flowers, bls.....lb. .35 - .40
Leaves, bls.....lb. .05 - .06½
Rosin, gum, B, bbls., ex dock. 280 lbs. 7.30 - —
D, bbls.....280 lbs. 7.30 - —
E, bbls.....280 lbs. 7.30 - —
F, bbls.....280 lbs. 7.30 - —
G, bbls.....280 lbs. 7.30 - —
H, bbls.....280 lbs. 7.30 - —
I, bbls.....280 lbs. 7.30 - —
K, bbls.....280 lbs. 7.30 - —
M, bbls.....280 lbs. 7.30 - —
N, bbls.....280 lbs. 7.30 - —
W. G., bbls.....280 lbs. 7.35 - —
W. W., bbls.....280 lbs. 8.15 - —
X, bbls.....280 lbs. 8.15 - —
Rosin, wood, F.F., bbls., spot. 280 lbs. 6.77 - 7.80
works .....280 lbs. 6.05 - —
I, bbls, spot.....280 lbs. 6.92 - 7.95
works .....280 lbs. 6.20 - —
M, bbls., spot.....280 lbs. 7.17 - 8.20
works .....280 lbs. 6.45 - —
N, bbls., spot.....280 lbs. 7.72 - 8.75
works .....280 lbs. 7.00 - —
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton.55.00 - —
l.c.l., ex whse.....ton.50.00 - —
import., lump, bbls.....lb. .12 - —
powd., bbls.....lb. .05¾- .10
Rue, bls.....lb. .21 - .25

S

Sabadilla seed, powd., bbls....lb. .21 — .25
Saccharin, cns., 1,000 lbs.....lb. .1.70 -
smaller lots.....lb. 1.75 - 1.80
Safflower, bls.....lb. .28 - .30

LEAVING NOTHING TO CONJECTURE

The extreme care taken in the inspection of feed lines and apparatus is typical of the strict control WITCO exerts over every phase in the production of carbon black. Nothing is left to conjecture. No test or check is omitted that might add an ounce of value. This exacting vigilance is important to you, for it enables us to supply you with carbon black that helps you achieve smoother production . . . finer, more satisfactory results. When you need carbon black bear in mind that WITCO Blacks are produced to equal ideal standards of quality and uniformity.

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CLEVELAND . . . 616 ST. CLAIR AVENUE N. E.
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Witco Owned and Operated: The Pioneer Asphalt Company and the Panhandle Carbon Company
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STEARIC ACIDS of highly specialized properties that meet the specific requirements of many different types of work in the rubber, soap, cosmetic and chemical industries. The WITCO stearic acid line is one of the widest and most comprehensive available. In addition, WITCO offers

STEARITE, a special grade of stearic acid manufactured by the selective hydrogenation of unsaturated oils which makes possible a new standard of uniformity at a remarkably low price. Now that a variety of grades of Stearite are available its uses are rapidly increasing.

WITCO STEARATES—Aluminum—Calcium—Magnesium—Zinc are also rising in demand because of their exceptional purity, even, fluffy texture and freedom from all traces of "greasy" lumps—due, in no small part, to the fact that only high quality WITCO Stearic Acids are used in their manufacture.

WITCO

Saffron, Mexican, bls.....lb. .50 - .53
Spanish, tins .....lb.17.00 -20.00
Safrol, cns.....lb. .87 - —
dms.....lb. .84 - —
Sage leaves, Dalmat., fancy, bls, lb. .07 - .07½
stemless, bls.....lb. .06½- .06⅞
Sage flour, bgs.....lb. .02¾- .03¼
Salicin, cns.....lb. 4.00 - 4.25
Salol, kgs.....lb. .90 - .95
Salt, reclaimed, bgs., c.l., dlvd., N. Y..ton.13.40 - —
vacuum, common, fine, bgs., c.l., dlvd. N.Y..ton.14.08 -14.58
l.c.l., dlvd. N.Y.....ton.17.00 - —
Saltcake, grd., dom., bbls.,works, ton.19.00 -23.00
bulk, works.....ton.12.00 -16.00
import, bulk, c.i.f.....ton.12.00 -12.50
Chrome (see Chrome cake).
Saltpeter, crude (see Potash nitrate).
dbl. refined, cryst., bbls., 25 to c.l.....100 lbs. 6.90 - 7.65
5-24 .....100 lbs. 7.00 - 7.75
1-4 .....100 lbs. 7.25 - 8.00
gran., bbls., 25 to c.l.100 lbs. 5.90 - —
5-24 .....100 lbs. 6.00 - —
1-4 .....100 lbs. 6.25 - —
powd., bbls., 25 to c.l.100 lbs. 6.90 - —
5-24 .....100 lbs. 7.00 - —
1-4 .....100 lbs. 7.25 - —
Santonin, cryst., cns.....lb.42.00 -45.00
Saponin. cns.....lb. 1.45 - 1.50
Sarsaparilla root, Honduras, bls.lb. .45 - .50
Mexican, bls.....lb. .11 - .12
Sassafras bark, ord., bls.....lb. .11 - .12
select, bls.....lb. .21 - .22
Savory, bls.....lb. .07 - .07½
Saw palmetto berries, bgs.....lb. .35 - .36
Scammony root, bgs.....lb. .96 - .97
Schaeffer's salt, bgs.....lb. .48 - .50
Seidlits mixture, bbls.....lb. .11¾- — kegs .....lb. .11¾- —
Senega root, bls.....lb. .36 - .38
Senna leaves, Alexandria, bls.lb. .09 - .10
Tinnevelly, No. 1, bls.....lb. .12 - .13
2, bls.....lb. .08 - .09
3, bls.....lb. .06 - .07
powd., bbls., bxs.....lb. .09 - .10
siftings, bls.....lb. .09 - .10
Pods, bls.....lb. .06 - .07
Serpentaria root, bls.....lb. .55 - .56
Shellac, bleached, bonedry, bbls., f.o.b. N. Y..lb. .18 - .19
dlvd. Boston.....lb. .18½- .19½
Chicago .....lb. .19 - .20
Pacific Coast .....lb. .21 - .22
refd., bbls., f.o.b. N.Y.....lb. .27 - —
dlvd. Boston .....lb. .27½- —
Chicago .....lb. .28 - —
Pacific Coast.....lb. .30 - —
Garnet, bgs.....lb. .16 - .17
Orange, D.C., VSO., Diamond, cases..lb. .25 - .26
superfine, bgs., f.o.b. Bost., N.Y..lb. .15½- .16
dlvd. Chicago.....lb. .16½- .17
Pacific Coast.....lb. .18½- .19
T.N., bgs., f.o.b. Bost., N.Y. lb. .14½- .15
dlvd. Chicago.....lb. .15½- .16
Pacific Coast.....lb. .17½- .18
Varnish, orange, 5-lb. cut, bbls. lb. .90 - 1.05
4½-lb. cut., bbls.....gal. .85 - 1.00
4-lb. cut, bbls.....gal. .80 - .95
white, 5-lb. cut, bbls.....gal. 1.05 - 1.20
4½-lb. cut, bbls.....gal. 1.00 - 1.15
4-lb. cut bbls.....gal. .95 - 1.10
Silica, amorph., dry-grd., 96-97% 325 mesh, bgs., c.l., works, ton.20.00 - — l.c.l., 2½ tons, works, ton.21.50 - — smaller lots, works, ton.28.00 - —
96-97% 400 mesh, bgs., c.l., works..ton.35.00 - — l.c.l., 2½ tons, works, ton.36.50 - — smaller lots, works, ton.38.00 - —
wet-grd., 95-97%, 325 mesh, bgs., c.l., works, ton.21.00 - — l.c.l., 2½ tons, works, ton.22.50 - — smaller lots, works, ton.24.00 - —
96-98% 325 mesh, bgs., c.l., works..ton.22.00 - — l.c.l., 2½ tons, works, ton.23.50 - — smaller lots, works, ton.25.00 - —
99% 325 mesh, bgs., c.l., works..ton.24.00 - — l.c.l., 2½ tons, works, ton.25.50 - — smaller lots.....ton.27.00 - —
hard-quarts, 140 mesh, bgs., c.l., works..ton.14.00 - — l.c.l., works.....ton.17.00 - —
Silver, bullion.....oz. .44¾- — Govt. purchase.....oz. .7707- —
Nitrate, vis.....oz. .32⅝- .34⅜
Nucleinate, cns., 500 ozs....oz. .35 - .36
Proteinate, cns., 500 ozs....oz. .34 - .35
Simarubra bark, bls.....lb. .28 - .30
Skatol, bots.....oz. 4.00 -10.00
Skullcap, Eastern, bls.....lb. .20 - .22
Western, bls.....lb. .18 - .19
Skunk cabbage root, bls.....lb. .11 - .13
Slate flour, bgs., c.l., works, ton. 9.00 - — l.c.l., works.....ton.10.00 -15.00
Sloe berries, bgs.....lb. .11. .13
Smalt, black, extra velvet, bbls. lb. .05 - .06
Blue, bbls.....lb. .06½- .07
Snakeroot, Canad., bls.....lb. .24 - .26
Soapbark, bls.....lb. .07 - .08
crushed, bls., bbls.....lb. .11 - .13
cut, bls., bbls.....lb. .09 - .10
powd., bbls.....lb. .13 - .14
Soda abietate, dms.....lb. .08 - —
Acetate, anhyd., dms.....lb. .09½- .12
flake, 60%, dms.....lb. .04½- .07
Alginate, dms.....lb. .64 - —
Antimoniate, bbls.....lb. .12 - .13½
Arsenate, dms.....lb. .09½- .11½
Arsenite, liq., dms.....lb. .40 - .75
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.25 - —
l.c.l., Zone 1.....100 lbs. 2.13 - —
1A .....100 lbs. 2.18 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.98 - —
5 .....100 lbs. 3.20 - —
bbls., c.l., works....100 lbs. 1.50 - —
l.c.l., Zone 1.....100 lbs. 2.37 - —
1A .....100 lbs. 2.42 - —
2 .....100 lbs. 2.52 - —
3 .....100 lbs. 2.77 - —
4 .....100 lbs. 3.17 - —
5 .....100 lbs. 3.47 - —
bulk, c.l., works....100 lbs. 1.10 - —
extra light, 58%, bgs., c.l. 100 lbs. 1.28 - —
l.c.l., Zone 1.....100 lbs. 2.06 - —
1A .....100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.85 - —
5 .....100 lbs. 3.20 - —
bbls., c.l.....100 lbs. 1.60 - —
l.c.l., Zone 1.....100 lbs. 2.47 - —
1A .....100 lbs. 2.52 - —
2 .....100 lbs. 2.62 - —
3 .....100 lbs. 2.87 - —
4 .....100 lbs. 3.27 - —
5 .....100 lbs. 3.57 - —
bulk, c.l.....100 lbs. 1.05 - —
Soda ash, light, 58%, bgs., c.l, works..100 lbs. 1.20 - 1.23
l.c.l., Zone 1.....100 lbs. 2.08 - —
1A .....100 lbs. 2.13 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
5 .....100 lbs. 3.20 - —
bbls., c.l., works....100 lbs. 1.50 - —
l.c.l., Zone 1.....100 lbs. 2.37 - —
1A .....100 lbs. 2.42 - —
2 .....100 lbs. 2.52 - —
3 .....100 lbs. 2.77 - —
4 .....100 lbs. 3.17 - —
5 .....100 lbs. 3.47 - —
bulk, c.l.....100 lbs. 1.05 - —
Soda ash l.c.l. prices are for 5 or more pkgs. of one sort, dlvd. usual trucking distance of whse., or f.o.b. cars whse. pt.; less than 5 pkgs., add 15c. per 100 lbs.; ex-whse., deduct 10c. per 100 lbs. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky.; Zone 1A, N. M. States (in Mo., N.H., Vt., special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N.C., Omaha, S.C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N.D., Okla., S.D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N.M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).
Benzoate, USP, kgs.....lb. .46 - .50
Bicarbonate, gran., bbls., c.l., works..100 lbs. 2.25 - —
powd., bbls.,c.l.,works.100 lbs. 1.85 - —
l.c.l., dlvd. N.Y....100 lbs. 2.55 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., dlvd. N.Y....100 lbs. 2.80 - —
Bichromate, csks.....lb. .06½- .07
Bifluoride, bbls.....lb. .11¼- .12
Bisulphate (see Niter cake).
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.25 - 3.35
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 35-40%, cbys., c.l., works..100 lbs. 1.95 - 2.10
Bromide, bbls.....lb. .31 - .35
Cacodylate, jars.....lb. 6.50 - 6.75
Carbonate (see Soda ash, soda monohydrated soda, sal).
Caustic, flake, 76%, grd.,powd., ammon. process, bbls., c.l., works..100 lbs. 3.25 - —
dms., c.l., works.100 lbs. 3.00 - —
l.c.l., Zone 1...100 lbs. 4.00 - —
1A .....100 lbs. 4.05 - —
2 .....100 lbs. 4.15 - —
3 .....100 lbs. 4.40 - —
4 .....100 lbs. 4.80 - —
5 .....100 lbs. 4.05 - —
electro, process, dms., c.l., works..100 lbs. 2.90 - — l.c.l., same zone prices as ammon. process.
liquid, 47-49%, buyer's tanks, works..100 lbs. 2.22½- —
seller's tanks, works..... 100 lbs. 2.25 - —
70%, buyer's tanks, works, 100 lbs. 2.27½- —
seller's tanks, works..... 100 lbs. 2.30 - —
solid, 76%, ammon. process, dms., c.l., works..100 lbs. 2.60 - — l.c.l., Zone 1...100 lbs. 3.60 - — 1A .....100 lbs. 3.65 - — 2 .....100 lbs. 3.75 - — 3 .....100 lbs. 4.00 - — 4 .....100 lbs. 4.40 - — 5 .....100 lbs. 3.65 - —
electro process, dms., c.l., works..100 lbs. 2.45 - — l.c.l., same zone prices as ammon. process.
Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.
Chlorate, dom., cryst., bgs., c.l., works..lb. .06½- — l.c.l., works.....lb. .06½- .09
powd., bgs., c.l., works..lb. .06¾- — l.c.l., works.....lb. .07 - .09½
Citrate, USP VIII, gran., bbls., 225 lbs. .22 - —
cns., 50 lbs.....lb. .24 - —
25 lbs.....lb. .26 - .27
kgs., 100 lbs.....lb. .23 - —
USP X, gran., bbls., 250 lbs. lb. .28½- —
cns., 50 lbs.....lb. .30½- —
25 lbs.....lb. .32½- .33½
kgs., 100 lbs.....lb. .29½- —
powd., bbls., 250 lbs.....lb. .29 - —
cns., 50 lbs.....lb. .31 - —
25 lbs.....lb. .33 - .34
kgs., 100 lbs.....lb. .30 - —
Cyanide, 96-98%, dom., dms..lb. .15½- .17½
import., cs.....lb. .16¾- .17
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila..lb. .07½- —
l.c.l., 10 or over, same basis..lb. .07¾- —
5-9, same basis.....lb. .08 - —
1-4, same basis.....lb. .08¾- —
96%, bbls., c.l., same basis. lb. .07½- —
l.c.l., 10 or over, same basis..lb. .08 - —
5-9, same basis.....lb. .08½- —
1-4, same basis.....lb. .09¾- —
Soda fluoride prices at Los Angeles are f.a.s. Phila.
Glycerophosphate, cryst., bbls., cns., 100 lbs..lb. 1.15 - —
solution, 75%, cns.....lb. .90 - —
Iron, cns .....lb. .85 - —
Hydrosulphate, bbls.....lb. .17 - —
Hydroxide, USP, sticks, cns., 100 lbs..lb. .32 - .34
Hypophosphite, cns.....lb. .67 - .72
Hyposulphite, cryst., large, bbls., 100 lbs. 2.40 - 2.65
pea, bbls.....100 lbs. 2.60 - 2.85
gran., bbls.....100 lbs. 2.75 - 3.30
Iodate, jars.....lb. 5.02 - 5.07
Iodide, jars.....lb. 1.90 - 1.95
Metanilate, kgs.....lb. .41 - .49
Metasilicate, cryst., bbls., c.l., works..100 lbs. 2.75 - —
l.c.l., dlvd.....100 lbs. 3.15 - 3.75
gran., bbls.,c.l.,works.100 lbs. 2.15 - —
l.c.l. dlvd.....100 lbs. 2.55 - 3.15
Molybdate, tech., anhyd., kgs., lb. .75 - .80
cryst., kgs.....lb. .65 - .70
Monohydrated, bbls.....100 lbs. 2.60 - —
works .....100 lbs. 2.30 - —
Naphthenate, bbls.....lb. .09 - —
Naphthionate, bbls.....lb. .82 - .84
Nitrate, crude, 100-lb. bgs., Oct.-June dlvy., ports.....ton.27.50 - — 200-lb. bgs., same basis. ton.26.30 - —
bulk, same basis.....ton.25.50 - —
refd., gran., bbls.....100 lbs. 2
powd., bbls.....lb. .06¾- —
Soda, nitrite, 96-98%, doms., bbls., c.l..lb. .0710- .0735
l.c.l. .....lb. .0835-.1170
Oxalate, neut., bbls., kgs....lb. .09 - .11
Perborate, NF, bbls.....lb. .17 - .18
Phosphate, dibasic, tech., bgs., c.l., E. works..100 lbs. 1.90 - —
l.c.l., E. works..100 lbs. 2.15 - —
bbls., c.l., E. works..... 100 lbs. 2.10 - —
l.c.l., E. works..100 lbs. 2.35 - —
Monobasic, anhyd., bbls., c.l. 100 lbs. 7.51 - —
l.c.l. .....100 lbs. 8.25 - —
Tribasic, bgs. c.l. dlvd. E.... 100 lbs. 2.00 - —
l.c.l., 5,500 lbs. or over, 100 lbs. 2.40 - —
less than 5,500 lbs..... 100 lbs. 2.60 - —
bbls., c.l. dlvd E....100 lbs. 2.20 - —
l.c.l., 5,500 lbs. or over.. 100 lbs. 2.60 - —
less than 5,500 lbs..... 100 lbs. 3.00 - —
kgs, c.l., dlvd E.....100 lbs. 2.70 - —
l.c.l., 5,500 lbs. or over... 100 lbs. 3.10 - —
less than 5,500 lbs..... 100 lbs. 3.50 - —
Soda phosphate, tribasic, prices in West are 15c. to 25c. per 100 lbs. higher, depending on location.
Picramate, kgs.....lb. .67 - .69
Prussiate, yellow, dom., bbls., works, contracts..lb. .11¼- — prompt shipmt.....lb. .12 - .13
import, cks., contracts....lb. .11¼- — prompt shipmt., cks...lb. .12 - —
Pyrophosphate, anhyd., bbls..lb. .10 - —
cryst., bbls.....lb. .09½- —
Sal, bgs., dlvd. N. Y...100 lbs. 1.20 - —
works .....100 lbs. 1.00 - —
bbls., dlvd. N.Y.....100 lbs. 1.30 - —
works .....100 lbs. 1.10 - —
Salicylate, bxs.....lb. .47 - —
Silicate, 40° turbid, dms., c.l., works..100 lbs. .80 - — l.c.l., 5 or more, works... 100 lbs. 1.05 - —
1-4, works.....100 lbs. 1.20 - —
42°, dms., c.l., works.100 lbs. 1.35 - — l.c.l., 5 or more, works... 100 lbs. 1.60 - —
1-4, works.....100 lbs. 1.75 - —
Silicofluoride, dom., bbls.....lb. .06¾- .07
import, bbls.....lb. .06¾- .07
Stannate, dms.....lb. .30 - .33
Stearate, lump, bbls, works..lb. .20 - — powd., bbls., works.....lb. .23 - —
Sulphate, anhyd., bgs., 5 tons or over, dlvd. Bost., N.Y., Phila. areas, or f.o.b. Bost., Jersey City, N.Y., Norfolk, Phila., or frt.equald.100 lbs. 1.15 - — less than 5 tons, same basis..100 lbs. 1.40 - —
bbls., 5 tons or over, same basis..100 lbs. 1.30 - — less than 5 tons, same basis..100 lbs. 1.55 - —
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.75 - — l.c.l., 5 tons or over, dlvd. 100 lbs. 2.75 - — less than 5 tons, dlvd.. 100 lbs. 3.00 - —
flake, chips, broken, bbls., c.l. works..100 lbs. 3.50 - — l.c.l., 5 tons or over, dlvd. 100 lbs. 4.00 - — less than 5 tons, dlvd... 100 lbs. 4.25 - —
solid, bbls., c.l.,works.100 lbs. 3.00 - — l.c.l., 5 tons or over, dlvd. 100 lbs. 3.50 - — less than 5 tons, dlvd... 100 lbs. 3.75 - —
Sulphite, cryst., bgs....100 lbs. 2.10 - 2.35
bbls. .....100 lbs. 2.30 - 4.00
powd., bbls., c.l.....100 lbs. 5.50 - —
1-4 .....100 lbs. 6.00 - —
Sulphocarbolate, cs.....lb. .27 - .28
Sulphocyanide, dms., cns....lb. .26 - .47
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see hyposulphite)
Tungstate, CP, kgs.....lb. 1.30 - 1.40
tech., kgs.....lb. .85 - .90
Solvent naphtha, high-flash, dms., works, frt. equald..gal. .30 - — tanks, same basis.....gal. .31 - —
Water-white, dms., works.gal. .35 - — tanks, E. of Omaha, frt. alld..gal. .30 - —
W. of Omaha, works..gal. .30 - —
Sorbitol, com'l, syrup, dms., basis sorbitol cont., works. lb. .25 - —
Sparteine sulphate, cns.....oz. 1.10 - 1.15
Spearmint leaves, bls.....lb. .24 - .25
Spikenard root, bls.....lb. .12 - .15
Spruce extract, bbls., works...lb. .01½- — tanks, works.....lb. .01 - —
powd., bgs.....lb. .04 - —
super, bbls., works.....lb. .01½- — tanks, works.....lb. .01½- —
Squawvine leaves, bls.....lb. .14 - .15
Squill, red, bls.....lb. .14 - .15
White, bls.....lb. .07 - .08
powd., bbls., bxs.....lb. .14 - .15
St. Ignatius beans, bgs.....lb. .45 - .50
St. John's bread, bls.....lb. .06 Nom.
Starch, corn, pearl, bgs...100 lbs. 4.04 - 4.15
powd., bgs.....lb. 4.16 - 4.36
Iodide, bots.....lb. 1.87 - 1.92
Potato, dom., bgs.....lb. .04½- .05½
import., bgs.....lb. .05 - .06
Rice, bbls.....lb. .07½ Nom.
Wheat, bgs.....lb. .03½- .03¾
Stavesacre seed, bgs.....lb. .25 - .40
Stearic, oleo, bbls.....lb. .10 - .10¼
Stillingia root, bls.....lb. .07 - .08
Stoneroot, bls.....lb. .06½- .07
Storax, cs.....lb. .33 - .35
Stramonium leaves, bls.....lb. .08 - .09
Seed, bgs.....lb. .09 - .10
Strontium bromide, bbls.....lb. .50 - .51
Carbonate, pure, bbls.....lb. .30 - .31
Iodide, jars.....lb. 2.80 - 2.85
Nitrate, dom., works, bbls....lb. .08 - .09
import, bbls.....lb. .08½- .09
Strophanthus seed, Kombe, bgs.lb. 1.45 - 1.50
Strychnine, cryst., cns.....oz. .48 - .51
powd., cns.....oz. .38 - .41
Acetate, cns.....oz. .44 - —
Arsenate, cns.....oz. .66 - —
Arsenite, cns.....oz. .64 - —
Glycerophosphate, cns.....oz. .65 - —
Hydrochloride, cns.....oz. .64 - —
Hypophosphite, cns.....oz. .75 - —
Nitrate, cns.....oz. .58 - —
Phosphate, cryst., cns.....oz. .65 - —
Sulphate, cryst., cns.....oz. .42 - .45
powd., cns.....oz. .32 - .35
Sucrose octa-acetate, denat. grade, bbls., l.c.l., works.lb. .45 - — tech., bbls., l.c.l., works....lb. .40 - —
Sugar coloring, bbls.....gal. .62 - 1.05
Milk, bbls., c.l.....lb. .13 - —
l.c.l., 10 or over.....lb. .15 - — less than 10 .....lb. .16 - .17
Sulphonethylmethane, kgs.....lb. 6.75 - 8.50
Sulphonmethane, kgs.....lb. 5.25 - 5.50

Saffron—Titanium

Sulphur, crude, bulk, 1,000 tons, mines, contracts..long ton.18.00 - — less than 1,000 tons, mines, contracts..long ton.20.00 - — c.l., spot, nearby..long ton.21.00 - — ex vessel, Balto., N. Y., Phila., Southern ports. long ton.22.00 -25.00 Bost., Portland..long ton.22.50 -25.50
flowers, bgs.....100 lbs. 3.00 - 3.75
bbls. .....100 lbs. 3.35 - 4.10
ref., broken, bgs.....100 lbs. 2.15 - 2.90
bbls. .....100 lbs. 2.20 - 3.00
flour, com'l, bgs.....100 lbs. 1.60 - 2.35
bbls. .....100 lbs. 1.95 - 2.70
rfd., ext. fine, bbls..100 lbs. 3.20 - 3.95
heavy, bgs.....100 lbs. 2.55 - 3.30
bbls. .....100 lbs. 2.90 - 3.65
light, bgs.....100 lbs. 2.65 - 3.40
bbls. .....100 lbs. 3.00 - 3.75
roll, bgs.....100 lbs. 2.35 - 3.10
bbls. .....100 lbs. 2.50 - 3.25
Chloride, dms., works.....lb. .03½- .04
tanks, works.....lb. .03 - .04
Dioxide, liq., com'l, cyls., wks. lb. .07 - .09
multi-unit cars, works..lb. .04½- .07
tanks, works.....lb. .04 - .05
refrigeration, cyls., works.lb. .11 - .15
multi-unit cars, works..lb. .07½- .10
Iodide, bots.- jars.....lb. 3.80 - 3.85
Sumac, Sicilian, grd., bgs....ton.55.00 - —
Extract, 42°, bbls.....lb. .04½- .06¼
61°, bbls.....lb. .06½- .08½
Stainless, bbls.....lb. .06¼- .09¼
Leaf, Sicilian, bls.....ton.58.00 - —
Sunflower seed, Calif., large, bgs. lb. .07¼- .07⅝
large, bgs.....lb. .07¼- .07⅝
poultry, bgs.....lb. No stocks
Hungarian medium, bgs..lb. .07 - .07½
Superphosphate, guaranteed 16%, bulk, f.o.b. cars, boat, Balto. ton. 8.00 - —
run-of-pile, basis 16%, bulk, same basis..ton. 7.50 - —
triple, 44-45% a.p.a., bulk, f.o.b. Balto..unit-ton. .79 - —

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Tale, dom., Calif., 1, bgs., c.l., mills..ton.20.00 - —
2, bgs., c.l., mills.....ton.17.00 - —
N.Y., fibrous, 98-94% 325 mesh, bgs., c.l., mills. ton.13.00 - — l.c.l., mills.....ton.15.00 - —
98-95% 325 mesh, bgs., c.l., mills..ton.14.00 - — l.c.l., mills.....ton.16.00 - —
coarse, off color, bgs., c.l., mills..ton.10.00 - —
Ohio, alum-magn. type, grd. bgs., c.l., mills..ton.21.00 - — l.c.l., mills.....ton.24.50 - —
Vermont, bgs., c.l., mills..ton.14.00 - — l.c.l., ex whse.....ton.26.00 - —
Import., Canad., bgs., c.l., dlvd. ton.28.00 - — l.c.l., dlvd.....ton.28.50 - —
French, high-grade, bgs., l.c.l., ex whse..ton.45.00 -48.50
ordinary, bgs., c.l., ex dock, arrival..ton.28.00 -35.00 l.c.l., ex whse.....ton.27.50 -32.50
Italian, 1, bgs., ex dock, arrival..ton.75.00 -77.00 ex whse.....ton.85.00 - — 2, bgs., ex dock, arrival.ton.70.00 -73.00 ex whse.....ton.75.00 -
Tallow, animal, edible, bbls....lb. .09¼ Nom. extra, loose, works.....lb. .07¼- — special, loose, works.....lb. .07 - —
sulphonated, 35% (24% fat), dms., c.l..lb. .06 - — l.c.l. .....lb. .06½- — 50% (48% fat), dms., c.l..lb. .06½- — l.c.l. .....lb. .07 - — 50% (48% fat), dms., c.l..lb. .07 - — l.c.l. .....lb. .07½- —
Tamarinds, W. I., bbls.....lb. .05½- .06 kegs .....keg 4.00 - 5.00
Tankage, animal, dom., grd., 10-15%, bulk, unit-ton. 4.00 & .10 ungr., 10-15%, bulk, unit-ton. 4.00 & .10
fertilizer grade, 11-15%, bulk, Chicago..unit-ton. 2.50 & .10
high-grade, feeding, 11-12%, bulk, Chicago,, unit.-ton. 4.25 & .10
import., S. Amer., bulk, c.i.f. ports, shipt., unit-ton..... 2.75 & .10
Tansy leaves, bls.....lb. .18 - .20
Tapioca flour, bgs.....lb. .03½- .03¾
Tar, pine, retort, bbls., dlvd. ports gal. .26 - — dms., c.l., dlvd. E. cities..gal. .26 - — dlvd. ports.....gal. .25 - — tanks, dlvd. E. cities...gal. .20 - —
Tar acid oil, 15%, dms.....gal. .32½- .33½ 25%, dms.....gal. .34½- .35½
Tartar emetic, tech., fine gran., bbls., 5 or more..lb. .24¾- — less than 5.....lb. .25 - — powd., bbls., 5 or more..lb. .24¾- — less than 5.....lb. .25 - — USP, powd., bbls.....lb. .30 - .32½
Terebene, cns.....lb. .70 - .75
Terpenyl acetate, cns.....lb. .85 - 1.00
Terpin hydrate, kgs.....lb. .45 - .46
Terpineol, CP, cns.....lb. .36 - — dms. .....lb. .33 - —
Alpha, denat. grade, dms., c.l. lb. .14¾- — contracts .....lb. .13¾- — tanks .....lb. .14 - — contracts .....lb. .13 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms., works, lb. .08 - .09½
Tetrachloroethylene, CP, dms..lb. .32 - .33 tech., dms.....lb. .30 - .10½
Tetralin, dms.....lb. .13 - —
Theobromine, cns.....lb. 1.85 - 1.90
Sodiosalicylate, cns.....lb. 1.65 - 1.75
Thiocarbanilide, dms.....lb. .20 - —
Thorium nitrate, cs., works...lb. 2.20 - —
Thyme, French, bls.....lb. .11 - .11½
Thymol, bots., 100 lbs.....lb. 1.55 - — smaller lots.....lb. 1.60 - 1.65
Iodide, kgs., 50 lbs.....lb. 3.15 - 3.20 25 lbs.....lb. 3.25 - 3.30
Tin, crystals, bbls., kgs.....lb. .35 - .35½ Metal, Straits.....lb. .4545- — Oxide, bbls.....lb. .49 - .51 Tetrachloride, anhyd., bbls..lb. .23¼- —
Titanium, dioxide, bgs., c.l. (20 tons), E., frt. alld..lb. .17 - — Pac. cst., f.o.b. terminal.lb. .17 - — l.c.l., 5 tons, E., dlvd....lb. .17½- — Pac. cst., ex whse....lb. .17½- — 1 ton, E., dlvd.....lb. .18 - — Pac. cst., ex whse....lb. .18 - — 50 lbs., E., dlvd. ....lb. .18½- — Pac. cst., ex whse....lb. .18½- — bbls., c.l. (20 tons), E., frt. alld..lb. .17½- — l.c.l., 5 tons, E., dlvd....lb. .17¾- — 1 ton, E., dlvd.....lb. .18¼- — 50 lbs., E., dlvd.....lb. .18¾- —

Titanium—Witch-Hazel

Titanium pigment, barium base, bgs., c.l. (20 tons), E. frt. alld..lb. .06 - —
Pac. cst., f.o.b. terminal. lb. .06 - —
l.c.l., 5 tons, E., divd...lb. .06 - —
Pac. cst., ex whse..lb. .06 - —
smaller lots, Pac. cst., ex whse..lb. .06¼- —
50 lbs., E., divd.....lb. .06¼- —
titan., c.l. (20 tons), E., frt. alld..lb. .06¼- —
l.c.l., 5 tons, E., divd..lb. .06¼- —
50 lbs., E., divd.....lb. .06½- —
calcium base, c.l., (20 tons), E. frt. alld..lb. .06 - —
Pac. cst., f.o.b. terminal. lb. .06 - —
l.c.l., 5 tons, E., divd..lb. .06 - —
Pac. cst., ex whse...lb. .06 - —
smaller lots, Pac. cst., ex whse..lb. .06¼- —
50 lbs., E., divd.....lb. .06½- —
titan., c.l. (20 tons), E., frt. alld...lb. .06¼- —
l.c.l., 5 tons, E., divd...lb. .06¼- —
50 lbs., E., divd.....lb. .06½- —
Toluidin base, kgs.....lb. .62 - .80
distilled, kgs.....lb. .95 - 1.00
Tolu balsam, cns.....lb. .50 - .55
Toluidin, mixed, dms.....lb. .27 - .28
Toluol (toluene), pure, dms., works..gal. .35 - —
tanks, E. of Omaha, frt. alld. gal. .30 - —
W. of Omaha, works....gal. .30 - —
Tonga vine, NF, bls.....lb. .35 - .40
Tonka beans, Angostura, cns..lb. 2.50 - 2.60
Trioxetin, dms.....lb. .36 - —
Trisamyl borate, dms., l.c.l., works..lb. .27 - —
Triamylamine, dms., l.c.l., works. lb. 1.25 - —
Trichlorocthylene, dms., c.l., works, frt. alld. E. of Rockies..lb. .060 - —
W. of Rockies.....lb. .060 - —
l.c.l., works, frt. alld. E. of Rockies..lb. .094 - —
W. of Rockies.....lb. .104 - —
Tricresyl phosphate, CP, cns., divd..lb. .46½- —
dms., c.l., divd.....lb. .32½- —
500 lbs., divd.....lb. .36½- —
tech., 1, cns., divd.....lb. .35 - —
dms., c.l., divd.....lb. .23 - —
500 lbs. divd.....lb. .25 - —
2, cns., divd.....lb. .36 - —
dms., c.l., divd.....lb. .21 - —
500 lbs., divd.....lb. .23 - —
Triethanolamine, dms., works.lb. .30 - .50
Triphenyl phosphate, dms.....lb. .37 - .39
Triphenylguanidin, dms.....lb. .58 - .60
Tripoli, air-floated, bgs., c.l., works..ton.27.00 - —
l.c.l., ex whse. N.Y.....ton.40.00 - —
1 ton, works.....ton.30.00 - —
1 bg., works.....bag. 4.00 - —
double-grd., bgs., c.l., works.ton.18.00 - —
l.c.l., 1 ton, works.....ton.22.50 - —
1 bg., works.....bag. 3.50 - —
once-grd., bgs., c.l., works.ton.16.00 - —
l.c.l., 1 ton, works.....ton.20.00 - —
1 bg., works.....bag. 3.00 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal, powd., 98%, dms. lb. 1.80 - 1.90
Oxide, CP, kgs.....lb. 2.65 - 2.75
tech., kgs.....lb. 1.65 - 1.75
Turmeric root, Alleppy, bgs...lb. .06¼- .06½
Madras, bgs.....lb. .06 - .06½
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .41¼- —
l.c.l., 10, ex dock.....gal. .43¾- —
5, ex dock.....gal. .45¼- —
wood, dest.-dist., dms., c.l., divd. E. ports..gal. .36 - —
l.c.l., same basis....gal. .38 - —
tanks, divd, E. cities..gal. .31 - —
steam-dist., dms., c.l., divd. steam-dist..dms., c.l., divd.gal. .39 - —
l.c.l., divd.....gal. .42 - —
tanks, divd.....gal. .34 - —

U

Unicorn root, false (see Helonias root). True (see Aletris root).
Uranium oxide, kgs.....lb. 1.80 - —
Urea, dom., 46 + % N, bgs., 20 tons, f.o.b. Atl. ports or Belle, W. Va..ton.95.00 - —
10 to 19 tons, same basis. ton.100.00- —
1 to 9 tons, same basis.. ton.110.00- —
100 to 1,000 lbs., same basis..100 lbs. 6.00 - —
import, 46% N, bgs., 20 tons, f.o.b. Atl. ports, shipt..ton.95.00 - —
10 to 19 tons, same basis. ton.100.00- —
1 to 9 tons, same basis.. ton.110.00- —
100 to 1,000 lbs., same basis..100 lbs. 6.00 - —
pure, cs.....lb. .14½- .15½
Urea-ammonia liquor, 55% ammon., tanks, f.o.b. Atl. ports. unit-ton. No prices
Uva ursi leaves, bls.....lb. .08 - .09

V

Valonia, beards, kgs., shipt..ton.44.00 -55.00
Cups, bgs., shipt.....ton.34.00 Nom.
Vanilla beans, Bourbon, tins..lb. 3.25 - 3.75
Mexican, tins.....lb. 3.25 - 4.50
cut, tins.....lb. 3.00 - 3.25
South American, tins.....lb. 3.00 - 3.25
Vanillin, ex eugenol, tins, 100 lbs. lb. 3.75 - —
less than 100 lbs.....lb. 3.85 - 4.35
ex guaiacol, tins, 100 lbs....lb. 3.65 - —
less than 100 lbs.....lb. 3.75 - 4.25
Venice turpentine, true, cs...lb. .47 - .49
Verdigris, kgs.....lb. .24 Nom.
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo root, bark, bls.....lb. .60 - .65
tree, barks, bls.....lb. .19 - .20
Wattle bark, bgs., shipt.....ton.30.00 - —
Extract, 60°, bbls.....lb. .03½- —
Wax, bayberry, import, bgs...lb. .17½- .20
Bees, white, bleach., slabs., cs., 500 lbs..lb. .36 - .38
yellow, crude, Africa, bgs., lots of 10..lb. .26 - .26½
1 bg.....lb. .26½- .27
Brazil, Chile, bgs., 5-10 tons..lb. .27½- .28
1 ton.....lb. .28 - .28½
500 lbs.....lb. .28½- .29
100 lbs.....lb. .29 - .29½
refd., slabs, cs., 500 lbs...lb. .28 - .30
Candelilla, bgs., 1 ton.....lb. .16 - .17
jobbing lots.....lb. .16½- .17½
Carnauba, chalky 3, bgs., 1 ton. lb. .35 - .35½
5 bgs.....lb. .35½- .36
1 bg.....lb. .36 - .36½
N. C. 2 bgs.....lb. .39 — .40
N. C. 3, bgs., 1 ton.....lb. .34½- .35
5 bgs.....lb. .35 - .35½
1 bg.....lb. .35½- .36
refined, bgs.....lb. .40 - .41
yellow, 1, bgs., 1 ton.....lb. .46 - .46½
5, bgs.....lb. .46½- .47
1, bg.....lb. .47 - .47½
2, bgs.....lb. .44 - .44½
Ceresin, dom., 135°-140° m.p., bgs., 1 ton..lb. .08 - —
jobbing lots.....lb. .09 - —
150°-160° m.p., bgs., 1 ton.lb. .09 - —
jobbing lots.....lb. .10 - —
160° m.p., bgs., 1 ton.....lb. .10 - —
jobbing lots.....lb. .11 - —
Japan, cs.....lb. .08¼- .08½
Montan, bgs., c.l.....lb. .10¾- .11¼
5 tons.....lb. .11 - .11½
less than 1 ton.....lb. .11¼- .11¾
Ozokerite, hard green, congeal p. 66°-68° C., bgs..lb. .32 Nom.
70°-72° C., bgs.....lb. .35 Nom.
74°-76° C., bgs.....lb. .68 Nom.
snow-white, pure, 76°-78° C., bgs...lb. .45 - .46
yellow, natural, 76°-78° C., bgs..lb. .35 - .36
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .23 - .24
cakes, cs.....lb. .24 - .25
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .05 - .06
White precipitate, powd., bbls., hxs., fib. dms..lb. 1.06 - —
Whiting, chalk, comi., dry-grd., bip. bgs., c.l., works..ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 - —
pap. bgs., c.l., works.ton.11.20 -12.50
l.c.l., works.....ton.13.20 -14.50
wet-grd., bgs., c.l., works. ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works.....ton.17.00 -18.00
l.c.l., works.....ton.18.50 -20.00
gilder's, bolted, bip. bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works.ton.14.60 -15.50
l.c.l., works.....ton.15.60 -16.50
extra bolted, bip. bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -22.00
pap. bgs., c.l., works.ton.14.60 -17.50
l.c.l., works.....ton.15.60 -18.50
Paris white, bip. bgs., c.l., works..ton.15.00 - —
works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works..ton.14.60 -20.00
l.c.l., works.....ton.15.60 -21.50
English cliffstone (see Whiting, chalk, Paris white).
limestone, air floated, 99.75% 200 mesh, bgs. (extra), c.l., frt. alld. to 42 per ton..ton.10.00 - —
99.75% 200 mesh, bgs., c.l., same basis..ton. 9.00 - —
95-98% 200 mesh, c.l., same basis..ton. 7.50 - —
40-95% 200 mesh, c.l., same basis..ton. 6.50 - —
gilders, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
extra, bgs. (extra), c.l., works..ton.12.60 - —
l.c.l., 8-20 tons, works.. ton.13.50 - —
4-8 tons, works....ton.14.50 - —
2-4 tons, works....ton.15.60 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
precipitated, bgs., c.l., works. ton.15.00 - —
l.c.l., 5 tons, works.....ton.20.00 - —
smaller lots, works....ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .04¼- .05
rossed, bls.....lb. .06½- .07
thin, natural, bls.....lb. .05 - .06¼
rossed, green, bls.....lb. .06 - .06½
Wild indigo root, bgs.....lb. .09 - .10
Witch-hazel extract, dist., NF, bbls..gal. .85 - .95
Leaves, bls.....lb. .07 — .09

LEAD-FREE AMERICAN PROCESS

Produced by Our Patented Electro-Thermic Process

• • ST. JOSEPH LEAD COMPANY • •

250 PARK AVENUE NEW YORK

PLANT AND LABORATORY, JOSEPHTOWN, BEAVER COUNTY, PA.

Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., c.l., works..ton.24.00 -30.00
standard, bgs., c.l., works.. ton.18.00 -24.00
import, 40-70 mesh, bgs., ex dock..ton.20.00 - —
80-100 mesh, bgs., ex dock.ton.26.50 - —
120 mesh, bgs., ex dock...ton.31.00 - —
Wormseed, American, bgs.....lb. .06 - .07
Levant, bgs.....lb. 3.50 - 4.00
Wormwood, bls.....lb. .09 - .10

X

Xylol (xylene), comi., dms., works..gal. .35 - —
tanks, E. of Omaha, frt. alld. gal. .30 - —
W. of Omaha, works....gal. .30 - —
nitration, dms., works.....gal. .46 - —
tanks, E. of Omaha, frt. alld. gal. .41 - —
W. of Omaha, works....gal. .41 - —
8°, dms., works.....gal. .41 - —
tanks, E. of Omaha, frt. alld. gal. .36 - —
W. of Omaha, works....gal. .36 - —
10°, dms., works.....gal. .35 - —
tanks, E. of Omaha, frt. alld. gal. .32 - —
W. of maha, works.....gal. .32 - —
Xylidin, mixed, dms.....lb. .36 - .37

Y

Yara yara, cryst., cns.....lb. 1.35 - 1.55
Yellow, cadmium, CP, import., bxs..lb. 2.50 - —
Lithopone, all shades, bbls., 1 ton, works, frt. alld.lb. .40 - —
smaller lots, same basis, lb. .45 - —
kgs., same basis.....lb. .50 - —
Sulphide, orange, bbls.,works, lb. .90 - .95
Yellow, bbls., works.....lb. .90 - —
Chrome, CP, bbls., dlvd. N of Tenn. and N.C. E. of Miss. R, including Davenport, Minneapolis, Rock Island, St. Louis, St.Paul contracts..lb. .12 - —
open order.....lb. .13 - —
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1½c. higher dlvd. Tex. (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.
Dutch pink, bbls.....lb. .08 - .10
Mercury oxide (see M).
Ocher, American, golden, A, bbls., works..lb. .06¼- —
B, bbls., works.....lb. .04½- —
C, bbls., works.....lb. .03½- —
yellow, A, bbls., works..lb. .02¾- —
B, bbls., works.....lb. .02¼- —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .0195- —
E, bbls., works.....lb. .0177- —
F, bbls., works.....lb. .01½- —
G, bbls., works.....lb. .01¾- —
H, bbls., works.....lb. .01¼- —
French, all shades, cks., c.l., ex car L. Angeles, lb. .0335- —
ex dock Balto., Bost., N. Orleans, Phila. (divd. or f.o.b., 10c. per 100 lbs. additional..lb. .02¾- —
Port., S. Francisco, S. Pedro, Seattle.lb. .0322- —
f.o.b. N.Y.....lb. .02¾- —
l.c.l., dlvd. Brook., Hoboken, J. City, L. I. City, N.Y. (Newark, 5c. per 100 lbs. additional), from dock..lb. .02¾- —
from whse.....lb. .03¼- —
ex car L. Angeles...lb. .03¼- —
ex dock Balto., Bost., N. Orleans, Phila. (dlvd. or f.o.b., 10c. per 100 lbs. additional..lb. .02¾- —
Port., S. Francisco, N. Y.....lb. .02¾- —
S. Pedro, Seattle.lb. .03¾- —
ex whse, Balto., Bost., N. Orleans, Phila., (dlvd. or f.o.b., 10c. per 100 lbs. additional) lb. .03 - —
Chi., E. St. Louis, Indipolis., K. City, Milwk., St. Louis (dlvd. or f.o.b., 10c. per 100 lbs. additional)..lb. .03¾- —
L. Angeles, Port., S. Francisco, Seattle.lb. .03¾- —
Minneap. (dlvd. or f.o.b., 10c. per 100 lbs. additional...lb. .03¾- —
N. Y.....lb. .03¼- —
Pitsbgh. (dlvd. or f.o.b., 10c. per 100 lbs. additional)..lb. .03½- —
f.o.b. Bethlehem, Easton..lb. .03¼- —
N.Y., from dock...lb. .02¾- —
from whse.....lb. .03¼- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, N.Y..lb. .04½- —
l.c.l., same basis.....lb. .04¾- —
synth., bbls., c.l., works...lb. .06¾- —
l.c.l., works.....lb. .07 - .07½
Persian orange (see O)
Zinc, bbls., same basis chrome CP, contracts..lb. .18 - —
open order.....lb. .19 - —
Yellow dock root, bls.....lb. .09 - .11
Yellow root (xanthorisa), bls..lb. .09 - .10
Yerba santa leaves, bls.....lb. .06 - .09
Yohimbine hydrochloride, vls.oz. 2.60 - 2.85

Z

Zinc, arsenite, bgs., cs., c.l., consumers..lb. .09¾- .13¾
dealers.....lb. .09¾- .13¾
jobbers, E. of Rockies..lb. .09¾- .11½
l.c.l., consumers, 5,000 lbs. or over..lb. .10½- .13½
1,000-5,000 lbs.....lb. .11 - .14
less than 1,000 lbs....lb. .11½- .14½
dealers, 5,000 lbs. or over. lb. .10½- .13½
1,000-5,000 lbs.....lb. .10½- .13½
less than 1,000 lbs...lb. .11 - .14
jobbers, E. of Rockies..lb. .10 - .13
Zinc arsenite prices are works or whse. basis, frt. alld. to dest. in lots of 90 lbs. or over; no frt. or truck. allowance for plant or whse. pick-up.

Zinc, carbonate, tech., bbls....lb. .09 - .10½
USP, precip., powd., bbls..lb. .21 - .32
Chloride, fused, dms., works.lb. .04½- .05¾
gran., dms., works.....lb. .05 - .05¾
solution, dms., works.....lb. .04½- —
tanks, works.....lb. .02 - —
Cyanide, kgs., works.....lb. .26 - .27
Dust, bbls., c.l., dlvd.....lb. .0685- —
l.c.l., 10,000 lbs. or over, dlvd..lb. .0760- —
less than 10,000 lbs., dlvd. lb. .0810- —
Fluoride, bbls.....lb. .20 - .25
Iodide, bots., jars.....lb. 4.00 - 4.05
Zinc metal (see daily quotations in market report).
Oxide, pigment, dom., Amer. process, comi., lead-free, bgs., c.l., dlvd..lb. .05¼- —
l.c.l., dlvd. except Pac. cst..lb. .05½- —
ex whse.,Pac.cst.lb. .05½- —
bbls., c.l., dlvd.....lb. .05½- —
l.c.l., dlvd., except Pac. cst..lb. .05¾- —
ex-whse.,Pac. cst.lb. .05¾- —
leaded, 5%, 35%, bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd., except Pac. cst..lb. .05¾- —
ex whse.,Pac.cst.lb. .05¾- —
bbls., c.l., dlvd.....lb. .05¾- —
l.c.l., dlvd., except Pac. cst..lb. .05¾- —
ex-whse.,Pac. cst.lb. .05¾- —
50%, bgs., c.l., dlvd..lb. .05¼- —
l.c.l., dlvd., except Pac. cst..lb. .05½- —
ex-whse..Pac. cst.lb. .05½- —
bbls., c.l., dlvd.....lb. .05½- —
l.c.l., dlvd., except Pac. cst..lb. .05¾- —
ex-whse..Pac. cst.lb. .05¾- —

Zinc, oxide, pigment, French process, comi., lead-free, bgs., c.l., dlvd..lb. .05¼- —
l.c.l., dlvd. except Pac. cst..lb. .05½- —
ex whse., Pac. cst. lb. .05½- —
bbls., c.l., dlvd.....lb. .05½- —
l.c.l., dlvd., except Pac. cst..lb. .05¾- —
ex-whse.,Pac. cst.lb. .05¾- —
green seal, bgs, c.l., dlvd. lb. .06¼- —
l.c.l., dlvd., except Pac. cst..lb. .06½- —
ex whse., Pac. cst. lb. .06½- —
bbls, c.l., dlvd.....lb. .06½- —
l.c.l., dlvd., except Pac. cst..lb. .06¾- —
ex-whse.,Pac. cst.lb. .06¾- —
red seal, bgs., c.l., dlvd. lb. .05¾- —
l.c.l., dlvd. except Pac. cst..lb. .06 - —
ex whse., Pac. cst. lb. .06 - —
bbls., c.l., dlvd.....lb. .06 - —
l.c.l., dlvd., except Pac. cst..lb. .06¼- —
ex-whse.,Pac. cst.lb. .06¼- —
white seal, bgs., c.l., dlvd. lb. .06¾- —
l.c.l., dlvd. except Pac. cst..lb. .07 - —
ex whse., Pac. cst. lb. .07 - —
bbls., c.l., dlvd.....lb. .07 - —
l.c.l., dlvd., except Pac. cst..lb. .07¼- —
ex-whse.,Pac. cst.lb. .07¼- —
import., gold seal, cks., ex dock..lb. .10¾- 11¼
green seal, bbls.,1-15 tons, ex dock..lb. .07¼- .09¾
ex whse.....lb. .07¾- .09¾

Witherite—Zinc-Ammonia

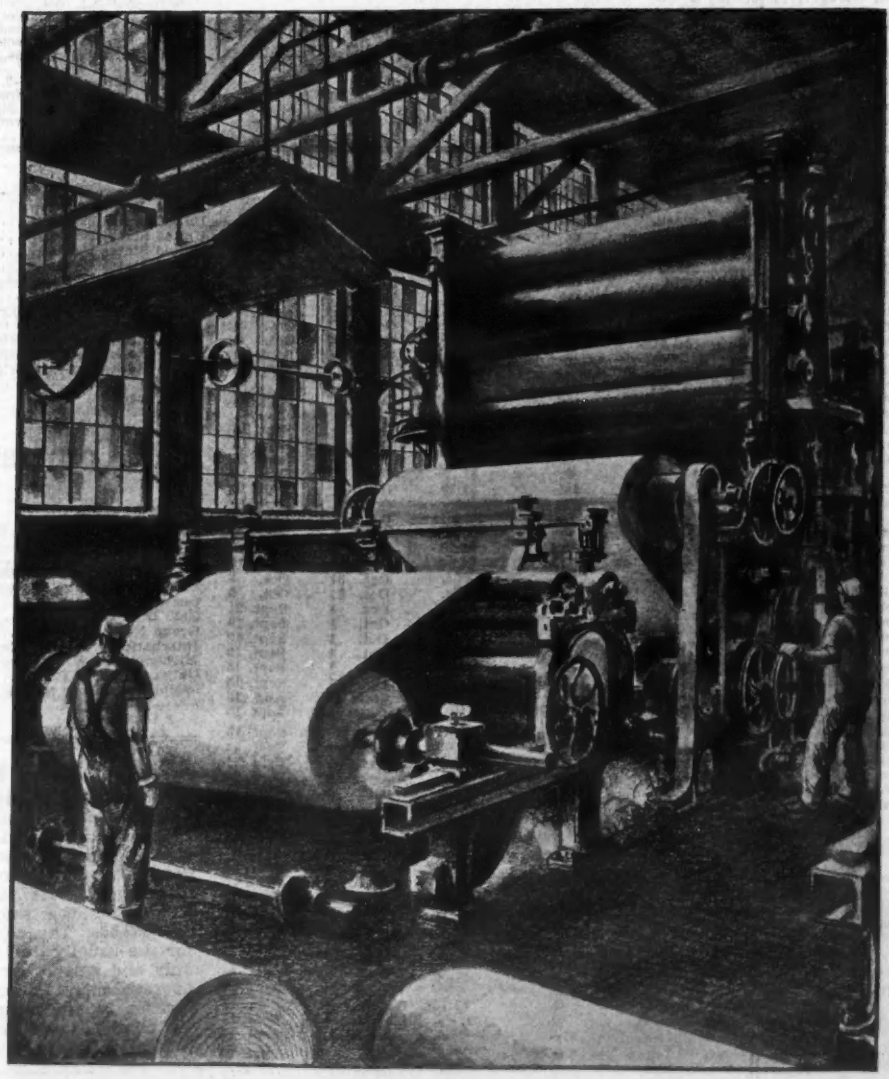
Zinc oxide, pigment, import, red seal, bbls., 1-15 tons, ex dock..lb. .06¾- —
ex whse.....lb. .09 - —
white seal, cks., lots of 5, ex dock..lb. .06¾- —
ex whse.....lb. .10 - —
smaller lots, ex dock.lb. .10 - —
ex whse.....lb. .10¼- —
USP, bbls., c.l.....lb. .08 - —
l.c.l.....lb. .08¼- —
Palmitate, bbls.....lb. .22 - .23
Resinate, fused, pale, bbls...lb. .09 - .10
precip., dms., dlvd.....lb. .15 - —
Stearate, tech., precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., 1 ton.....lb. .20 - —
1,000-2,000 lbs.....lb. .21 - —
less than 1,000 lbs..lb. .22 - —
USP, bbls.....lb. .20 - .25
Sulphate, cryst., bgs., c.l.100 lbs. 2.05 - —
l.c.l.....100 lbs. 2.15 - —
bbls., c.l.....100 lbs. 2.00 - —
l.c.l.....100 lbs. 2.20 - —
flake, bgs., c.l.....100 lbs. 2.05 - —
l.c.l.....100 lbs. 2.55 - —
bbls., c.l.....100 lbs. 2.20 - —
l.c.l.....100 lbs. 2.70 - —
powd., bgs., c.l.....100 lbs. 4.25 - —
l.c.l.....100 lbs. 4.65 - —
bbls., c.l.....100 lbs. 4.50 - —
l.c.l.....100 lbs. 5.00 - —
Sulphide, bgs., c.l. (20 tons), dlvd..lb. .10¼- —
l.c.l., 5 tons, dlvd. E. or ex whse., Pac. cst..lb. .11 - —
1 ton, same basis.....lb. .11¼- —
smaller lots, same basis.lb. .11¾- —
bbls., c.l. (20 tons), dlvd..lb. .10¾- —
l.c.l., 5 tons, dlvd. E. or ex-whse. Pac. cst..lb. .11¼- —
1 ton, same basis.....lb. .11¾- —
smaller lots, same basis.lb. .11¾- —
Sulphocarbolate, NF, bbls....lb. .24 - .28
Zinc-ammonia chloride, cks....lb. .0450- .05

BE READY FOR THE UNFORESEEN TREND

● Changes come swiftly in the modern industrial world. New demands must be met speedily. Adjustments to newly discovered processes must be made without delay. Because chemicals are of ever-increasing importance in such changes, you need a source of chemical supply that is cooperative, quick to respond.

Cyanamid anticipates your needs with a comprehensive list of products, a large and highly trained technical staff, a system of delivery that covers every section of the country, efficient, productive research facilities. They are all at your disposal when you make changes to meet new and more exacting standards of production.

Below is a scene in the paper industry, where Cyanamid service has proved to be of inestimable value in meeting unforeseen trends.



American Cyanamid & Chemical Corporation

30 ROCKEFELLER PLAZA • NEW YORK, N. Y.

Zinc-Iron Ox.—Varcum

Zinc-iron oxide pigment, bgs., c.l., dlvd.	lb.	.03½-	—
l.c.l., dlvd. except Pac. cst.	lb.	.04½-	—
ex whse., Pac. cst.	lb.	.04½-	—
Zirconium nitrate, bgs., works.	lb.	3.00 -	4.00
Oxide, crude, 73-75%, grd., bbls., works.	ton.	75.00 -	160.00
bgs., small lots, works.	lb.	.04½-	.04½
white, 99%, grd., bgs., works.	lb.	1.40 -	1.80

Synthetic Resins and other Branded Paint Materials

(Manufacturers' List Prices)

A

Abalyn resin, 55-gal. dms., non-returnable, works.	lb.	.16 -	—

B

Bakelite, BR, 254, dms., 30,000 lbs., works.	lb.	.48 -	—
15,000 lbs., works.	lb.	.49 -	—
5,000 lbs., works.	lb.	.50 -	—
802, dms., 30,000 lbs., works.	lb.	.26 -	—
15,000 lbs., works.	lb.	.26½-	—
5,000 lbs., works.	lb.	.27 -	—
1329, dms., 30,000 lbs., works.	lb.	.32 -	—
15,000 lbs., works.	lb.	.33 -	—
5,000 lbs., works.	lb.	.34 -	—
2072, dms., 30,000 lbs., works.	lb.	.23 -	—
15,000 lbs., works.	lb.	.23½-	—
5,000 lbs., works.	lb.	.24 -	—
2963, dms., 30,000 lbs., works.	lb.	.24 -	—
15,000 lbs., works.	lb.	.24½-	—
5,000 lbs., works.	lb.	.25 -	—
3360, dms., 30,000 lbs., works.	lb.	.45 -	—
15,000 lbs., works.	lb.	.46 -	—
5,000 lbs., works.	lb.	.47 -	—
4036, dms., 30,000 lbs., works.	lb.	.40 -	—
15,000 lbs., works.	lb.	.41 -	—
5,000 lbs., works.	lb.	.42 -	—
6717, dms., 30,000 lbs., works.	lb.	.28 -	—
15,000 lbs., works.	lb.	.29 -	—
5,000 lbs., works.	lb.	.30 -	—
6769, dms., 30,000 lbs., works.	lb.	.33 -	—
15,000 lbs., works.	lb.	.34 -	—
5,000 lbs., works.	lb.	.35 -	—
6882, dms., 30,000 lbs., works.	lb.	.44 -	—
15,000 lbs., works.	lb.	.45 -	—
5,000 lbs., works.	lb.	.46 -	—
XJ, 2681, dms., 30,000 lbs., works.	lb.	.21½-	—
15,000 lbs., works.	lb.	.22 -	—
5,000 lbs., works.	lb.	.22½-	—
XR, 2175, dms., 30,000 lbs., works.	lb.	.23 -	—
15,000 lbs., dms., works.	lb.	.23½-	—
5,000 lbs., dms., works.	lb.	.24 -	—
2987, dms., 30,000 lbs., works.	lb.	.32 -	—
15,000 lbs., works.	lb.	.33 -	—
5,000 lbs., works.	lb.	.34 -	—
Bakelite, XR, 3180, dms., 30,000 lbs., works.	lb.	.59 -	—
15,000 lbs., works.	lb.	.60 -	—
5,000 lbs., works.	lb.	.61 -	—
Bronze gum, 1, dms., works.	lb.	.11 -	—
3, dms., works.	lb.	.09 -	—

C

Cumar, AX, dms., works.	lb.	.05 -	.06
BX, dms., works.	lb.	.05 -	.06
CX, dms., gross weight, works.	lb.	.03 -	.04
DX, dms., gross weight, works.	lb.	.03 -	.04
EX, dms., gross weight, works.	lb.	.03 -	.04
FX, dms., gross weight, works.	lb.	.03½-	.04½
MH, col. ½, dms., works.	lb.	.09½-	.10½
1, dms., works.	lb.	.09 -	.10
1½-2, dms., works.	lb.	.08¼-	.09¼
2½ and darker, dms., works.	lb.	.07½-	.08½
MS, dms., works.	lb.	.08 -	.09
P, 10°-90° C., above col. 3, dms., works.	lb.	.08¼-	.09½
RH, dms., works.	lb.	.08 -	.09
RS, dms., works.	lb.	.08 -	.09
special soft, dms., works.	lb.	.08 -	.09
V, col. ½, dms., work.	lb.	.09½-	.10¾
1, dms., works.	lb.	.09 -	.10
1½-2, dms., works.	lb.	.08¼-	.09¼
2½ and darker, dms., works.	lb.	.07½-	.08½
W, col. ½, dms., works.	lb.	.10¾-	.11¾
1, dms., works.	lb.	.10 -	.11
1½-2, dms., works.	lb.	.09¼-	.10¼
2½ and darker, dms., works.	lb.	.08½-	.09½

Cumar prices include frt. equald.; prices at left are for 6-mos. firm contracts for 50,000 lbs. or more; 6-mos. firm contracts, 25,000-50,000 lbs., add ½c.; 6-mos. firm contracts less than 25,000 lbs., add ¾c.; prices at right are on open order.

D

Durez, 210, dms., c.l., works.	lb.	.15 -	—
l.c.l., works.	lb.	.15½-	.16½
500, pale, dms., c.l., works.	lb.	.35 -	—
l.c.l., works.	lb.	.36 -	.38
525, dark, dms., c.l., works.	lb.	.25 -	—
l.c.l., works.	lb.	.26 -	.28
550, very pale, dms., c.l., works.	lb.	.45 -	—
l.c.l., works.	lb.	.46 -	.48
Durez prices, ex whse. Pac. cst., are 2c. higher.			
Durite, 1,301 dms., 1 ton, frt. alld.	lb.	.30 -	—
smaller lots, frt. alld.	lb.	.35 -	—

F

Flat gum, 1, dms., works.	lb.	.14½-	—

G

Guai-a-phene, 10-gal. cns., works	gal.	2.87 -	—
5-gal. cns., works.	gal.	2.62 -	—
1-gal. cns., works.	gal.	2.82 -	—
dms., works.	gal.	2.50 -	—

H

Hercolyn, dms. (nonreturnable), works.	lb.	.22 -	—

I

Imperial gum, BK, dms., 75,000 lbs., contr. or c.l., dlvd.	lb.	.07¾-	—
3,000 lbs., dlvd.	lb.	.08 -	—
smaller lots, dlvd.	lb.	.08¼-	—
X, pale, or hard, pale, dms., 75,000 lbs., contr. or c.l., dlvd.	lb.	.07¾-	—
3,000 lbs., dlvd.	lb.	.08 -	—
smaller lots, dlvd.	lb.	.08¼-	—
Imperial gum, S, SH, SL, dms., 75,000 lbs., contr. or c.l., dlvd.	lb.	.07¾-	—
3,000 lbs., dlvd.	lb.	.08 -	—
smaller lots, dlvd.	lb.	.08¼-	—
18-20, dms., 75,000 lbs., contr. or dlvd.	lb.	.07¾-	—
3,000 lbs., dlvd.	lb.	.08 -	—
smaller lots, dlvd.	lb.	.08¼-	—
45, dms., 75,000 lbs., contr. or c.l., dlvd.	lb.	.07¾-	—
3,000 lbs., dlvd.	lb.	.08 -	—
smaller lots, dlvd.	lb.	.08¼-	—
100, dms., 75,000 lbs., contr. or c.l., dlvd.	lb.	.07 -	—
3,000 lbs., dlvd.	lb.	.07¼-	—
smaller lots, dlvd.	lb.	.07½-	—

J

Jonite (see Zinc-iron oxide pigment in regular price list above).			

K

Kadox (zinc oxide), black, blue, or red label, bgs., c.l., dlvd.	lb.	.06 -	—
l.c.l., dlvd. E. of Rockies.	lb.	.05¼-	—
Pac. cst., ex whse.	lb.	.05¼-	—
bbls., c.l., dlvd.	lb.	.05¼-	—
l.c.l., dlvd. E. of Rockies.	lb.	.05½-	—
Pac. cst., ex whse.	lb.	.05½-	—
Kopol, 500, dms., c.l. (min. 36,000 lbs.), dlvd.	lb.	.12½-	—
l.c.l., dlvd.	lb.	.13½-	.14½
501, dms., c.l. (min. 36,000 lbs.), dlvd.	lb.	.10½-	—
l.c.l., dlvd.	lb.	.11½-	.12½
502, dms., c.l. (min. 36,000 lbs.), dlvd.	lb.	.09½-	—
l.c.l., dlvd.	lb.	.10½-	.11½

L

Lewisol, 1, dms., c.l., works.	lb.	.13¼-	—
l.c.l., works.	lb.	.13½-	.14
2, dms., c.l., works.	lb.	.15¼-	—
l.c.l., works.	lb.	.15½-	.16
3, dms., c.l., works.	lb.	.20¼-	—
l.c.l., works.	lb.	.20½-	.21
18, dms., c.l., works.	lb.	.10¾-	—
l.c.l., works.	lb.	.11 -	.11½
115, dms., c.l., works.	lb.	.11¼-	—
l.c.l., works.	lb.	.11½-	.12
120, dms., c.l., works.	lb.	.13¼-	—
l.c.l., works.	lb.	.13½-	.14
125, dms., c.l., works.	lb.	.11¼-	—
l.c.l., works.	lb.	.11½-	.12
150, dms., c.l., works.	lb.	.17¼-	—
l.c.l., works.	lb.	.17½-	.18
Locto, 545, bbls, works.	lb.	.43 -	.45
2102, bbls., works.	lb.	.28 -	.30

N

Nevillac, dms., works.	lb.	.14 -	.15

Nevillac prices include frt. equald.; prices left are for 6-mos. firm contracts for 50,000 lbs. or over; 6-mos. firm contracts, 25,000-50,000 lbs., add ½c.; 6-mos. contracts, less than 25,000 lbs., add ¾c.; prices at right are on open order.

Neville resin, R-3, nevindene, col. 1, dms., works.	lb.	.10 -	.11
R-5, nevindene, col. 1½-2, dms., works.	lb.	.09¼-	.10¼
R-6, nevindene, col. 2½ and darker, dms., works.	lb.	.08½-	.09½
R-7, N.P.S., col. below 3, dms., works.	lb.	.10 -	.11
R-8, N.P.S., col. below 3, dms., works.	lb.	.10½-	.11¼
R-10, hard, col. 1, dms., works.	lb.	.09 -	.10
R-11, hard, col. 1½-2, dms., works.	lb.	.08¼-	.09¼
R-12, hard, col. 2½ and darker, dms., works.	lb.	.07½-	.08½
Neville resin, R-14, medium, col. 1, dms., works.	lb.	.09 -	.10
R-15, medium, col. 1½-2, dms., works.	lb.	.08¼-	.09¼
R-16, medium, col. 2½ and darker, dms., works.	lb.	.07½-	.08½
R-17, medium soft, col. 3½-8, dms., works.	lb.	.08 -	.09
R-19, medium soft, col. 3½-8, dms., works.	lb.	.08 -	.09
R-21, soft, col. 3½-8, dms., works.	lb.	.08 -	.09
R-22, special, soft, col. 3½-8, dms., works.	lb.	.08 -	.09
R-28, medium soft, col. 1½-2, dms., works.	lb.	.09½-	.10¼
R-29, medium soft, col. 2½ and darker, dms., works.	lb.	.08½-	.09½
R-41, phenester, col. 3½-5, dms., works.	lb.	.15 -	.16

Neville resin prices are on same basis as those for Nevillac.

Nuodex drier, liquid, cobalt, 4%, dms., dlvd.	lb.	.20¾-	—
6%, dms., dlvd.	lb.	.24½-	.26½
lead, 16%, dms., dlvd.	lb.	.12 -	.14
24%, dms., dlvd.	lb.	.16 -	.19
manganese, 4%, dms., dlvd.	lb.	.12 -	.13
6%, dms., dlvd.	lb.	.14 -	.15
zinc, 8%, dms., dlvd.	lb.	.17 -	.18
solid, cobalt, 12%, dms., dlvd.	lb.	.46 -	—
lead, 40%, dms., dlvd.	lb.	.28 -	—
manganese, 11%, dms., dlvd.	lb.	.25 -	—
zinc, 12%, dms., dlvd.	lb.	.26 -	—

P

Pliolite, milled, dms., 1 ton, works.	lb.	.75 -	—
smaller lots, works.	lb.	.79 -	—
unmilled, dms., 1 ton, works.	lb.	.66 -	—
smaller lots, works.	lb.	.69 -	—

S

Soligen drier, liquid, cobalt 6%, dms., 10, works.	lb.	.23½-	—
less than 10, works.	lb.	.25½-	—
lead, 16%, dms., 10, works.	lb.	.12 -	—
less than 10, works.	lb.	.14 -	—
25%, dms., 10, works.	lb.	.19 -	—
less than 10, works.	lb.	.21 -	—
manganese, 6%, dms., 10, works.	lb.	.14 -	—
less than 10, works.	lb.	.16 -	—
zinc, 7%, dms., 10, works.	lb.	.18 -	—
less than 10, works.	lb.	.20 -	—
solid, cobalt, dms., 10, works.	lb.	.45 -	—
less than 10, works.	lb.	.47 -	—
solid, lead, dms., 10, works.	lb.	.24 -	—
less than 10, works.	lb.	.26 -	—
lead-cobalt, dms., 10, works,	lb.	.29 -	—
less than 10, works.	lb.	.31 -	—
lead-cobalt-manganese, dms., 10, works.	lb.	.30 -	—
less than 10, works.	lb.	.32 -	—
lead-manganese, dms., 10, works.	lb.	.24 -	—
less than 10, works.	lb.	.26 -	—
manganese, dms., 10, works.	lb.	.24 -	—
less than 10, works.	lb.	.26 -	—
Surfex, bgs., c.l., frt. alld. up to 25c. per 100 lbs.	ton.	35.00 -	—

V

Varcum, 250, dms., 25, works.	lb.	.42 -	—
less than 25, works.	lb.	.43 -	.44
250 F, dms., 25, works.	lb.	.44 -	—
less than 25, works.	lb.	.45 -	.46
365, dms., 25, works.	lb.	.25 -	—
less than 25, works.	lb.	.26 -	.27
700, dms., 25, works.	lb.	.30 -	—
less than 25, works.	lb.	.31 -	.32

Dividends Reported Since Last Publication

	Stock.	Class.	Amount.	Payable.	Of record.
Adams Royalty Co.	Com.	Q.	5c.	Oct. 1	Sept. 19
Allied Products Corp.	Cl. A	Q.	43¾c.	Oct. 1	Sept. 15
Aluminum Co. of America	Pfd.	Q.	$1.50	Oct. 1	Sept. 15
American Fan Co.	Pfd.	Q.	$1.75	Oct. 1	Sept. 17
American Chicle Co.	Com.	Q.	$1.00	Oct. 1	Sept. 15
American Smelting & Refining Co.	Com.	Q.	50c.	Nov. 30	Nov. 6
American Smelting & Refining Co.	1st pfd.	Q.	$1.75	Oct. 31	Oct. 9
American Smelting & Refining Co.	2d pfd.	Q.	$1.50	Oct. 31	Oct. 9
Beech-Nut Packing Co.	Com.	Q.	75c.	Oct. 1	Sept. 12
Beech-Nut Packing Co.	Com.	Ext.	50c.	Oct. 1	Sept. 12
Boots Pure Drug Co.	.....	Q.	*6d.	.....	.....
Borne Scrymser Co.	Spl.	..	75c.	Oct. 15	Sept. 25
Bralorne Mines, Ltd.	Com.	Q.	10c.	.....	.....
British American Oil Co.	Com.	Q.	20c.	Oct. 1	Sept. 15
Brillo Mfg. Co.	Com.	Q.	15c.	Oct. 1	Sept. 15
Brillo Mfg. Co.	Cl. A	Q.	50c.	Oct. 1	Sept. 15
Carnation Co.	Pfd.	Q.	$1.25	Oct. 1	Sept. 19
Certain-teed Products Corp.	Pfd.	1st	$1.50	Oct. 1	Sept. 19
Clorox Chemical Co.	Com.	Q.	65c.	Oct. 1	Sept. 19
Coca Cola Co.	Com.	Q.	50c.	Oct. 2	Sept. 12
Coca-Cola Bottling Corp. (Del.)	Cl. A	Q.	62½c.	Oct. 1	Sept. 19
Coca-Cola Bottling Corp. (Del.)	Cl. A	Ext.	$1.25	Oct. 1	Sept. 19
Coca Cola International Corp.	Com.	Q.	$4.00	Oct. 1	Sept. 12
Continental Oil Co.	Com.	Q.	25c.	Oct. 31	Oct. 5
Continental Oil Co.	Com.	Ext.	25c.	Oct. 31	Oct. 5
Coronet Phosphate Co.	Com.	..	$1.00	Oct. 1	Sept. 21
Devoe & Raynolds	Cl. A	Q.	50c.	Oct. 1	Sept. 19
Devoe & Raynolds	Cl. B	Q.	50c.	Oct. 1	Sept. 19
Devoe & Raynolds	2d pfd.	Q.	$1.75	Oct. 1	Sept. 19
Dominion Glass Co.	Com.	Q.	$1.25	Oct. 1	Sept. 15
Dominion Glass Co.	Pfd.	Q.	$1.75	Oct. 1	Sept. 15
Dow Drug Co.	Com.	..	15c.	Nov. 16	Aug. 15
Emerson Drug Co.	Pfd.	Q.	50c.	Oct. 1	Sept. 15
Formica Insulation Co.	Com.	..	20c.	Oct. 10	Sept. 15
General Printing Ink Co.	Com.	Q.	$1.00	Oct. 1	Sept. 21
General Printing Ink Co.	Pfd.	Q.	$1.50	Oct. 1	Sept. 21
Great Western Electro-Chemical Co.	Pfd.	Q.	30c.	Oct. 1	Sept. 19
Gulf Oil Corp.	Com.	..	25c.	Oct. 1	Sept. 15
Imperial Chemical Industries	Com.	ID	2½%	.....	.....
International Nickel Co.	Pfd.	Q.	$1.75	Nov. 2	Oct. 3
International Salt Co.	Com.	..	37½c.	Oct. 1	Sept. 15
Koppers Gas & Coke Co.	Pfd.	Q.	$1.50	Oct. 1	Sept. 12
Lambert Co.	Com.	Q.	50c.	Oct. 1	Sept. 19
Loudon Packing Co.	Com.	Q.	12½c.	Oct. 1	Sept. 15
Margay Oil Corp.	.....	..	25c.	Oct. 10	Sept. 19
Mead Johnson & Co.	Com.	Q.	75c.	Oct. 1	Sept. 19
Mead Johnson & Co.	Com.	Ext.	50c.	Oct. 1	Sept. 19
Merck & Co.	Com.	..	20c.	Oct. 1	Sept. 21
Merck & Co.	Pfd.	Q.	$1.50	Oct. 1	Sept. 21
Minneapolis-Honeywell Regulator Co.	Pfd.	Q.	$1.50	Oct. 1	Sept. 21
Novadel-Agene Corp.	Com.	Q.	50c.	Oct. 1	Sept. 17
Pennsylvania Glass Sand Corp.	Pfd.	Q.	$1.75	Oct. 1	Sept. 15
Penn Valley Crude Oil Corp.	Cl. A	Q.	12½c.	Oct. 1	Sept. 15
Petrol Oil & Gas Co., Ltd.	.....	..	2c.	Oct. 1	Sept. 15
Plough, Inc.	Com.	Q.	30c.	Oct. 1	Sept. 15
Pratt & Lambert Co.	Com.	..	50c.	.....	.....
Reynolds Metals Co.	Pfd.	Q.	$1.37½	Oct. 1	Sept. 21
Root Petroleum Co.	Pfd.	Q.	30c.	Oct. 1	Sept. 19
Sherwin-Williams Co. (Can.)	Pfd.	Ac	$1.75	Oct. 1	Sept. 15
Standard Oil Co. (Ohio)	Com.	Q.	25c.	Oct. 15	Sept. 30
Standard Oil Co. (Ohio)	Pfd.	Q.	$1.25	Oct. 15	Sept. 30
Standard Wholesale Phosphate & Acid Works.	Com.	..	30c.	Oct. 1	Sept. 15
Swan-Finch Oil Corp.	Pfd.	Ac	87½c.	Oct. 1	Sept. 24
Swiss Oil Co.	.....	..	10c.	Oct. 1	Sept. 15
Trico Products Corp.	.....	Q.	62½c.	Oct. 1	Sept. 10
United Carbon Co.	Com.	Q.	75c.	Oct. 1	Sept. 14
United Drug Co.	Cs.	..	50c.	Oct. 1	Sept. 15
United Dyewood Corp.	Com.	Q.	25c.	Oct. 1	Sept. 11
United Dyewood Corp.	Pfd.	Q.	$1.75	Oct. 1	Sept. 11
United States Foil Co.	Com. A	Q.	15c.	Oct. 1	Sept. 15
United States Foil Co.	Com. B	Q.	15c.	Oct. 1	Sept. 15
United States Foil Co.	Pfd.	Q.	$1.75	Oct. 1	Sept. 15
United States Gypsum Co.	Com.	Q.	50c.	Oct. 1	Sept. 15
United States Gypsum Co.	Pfd	Q.	$1.75	Oct. 1	Sept. 15
Walgreen Co.	Pfd.	Q.	$1.62½	Oct. 1	Sept. 21
Westvaco Chlorine Products Corp.	Pfd.	Q.	$1.75	Oct. 1	Sept. 15
Weinberger Drug Stores Co.	Com.	Q.	30c.	Oct. 1	Sept. 23
White Rock Mineral Springs Co.	Com.	Q.	35c.	Oct. 1	Sept. 21
White Rock Mineral Springs Co.	1st pfd.	Q.	$1.75	Oct. 1	Sept. 21
White Rock Mineral Springs Co.	2d pfd.	Q.	$1.75	Oct. 1	Sept. 21

* Pence.

Corporation Earnings Recently Reported

	Period.	1936 Net income.	1936 Per share.	1935 Net income.	1935 Per share.
Archer-Daniels-Midland Co.	Yr. 6-30	$1,891,611	$3.04	$2,525,745	$4.20
Brillo Mfg. Co.	6 mos.	114,126	.61	51,214	.18
Calmont Oils, Ltd.	Yr. 5-31	*20,556	...	*55,666	..
Cola-Cola Bottling Co. (St. Louis)	1935	287,576	2.86	.....	...
Froedtert Grain & Malting Co.	Yr. 7-31	915,128	1.68	624,335	1.09
General Aniline Works	1935	2,930,533	22.70	.....	...
Gold Dust Corp.	Yr. 6-30	1,510,467	.71	2,097,477	.97
Group No. 1 Oil Corp.	1st qr.	73,544	35.91	.....	...
International Vitamin Corp.	Yr. 6-30	130,464	.64	134,942	.67
Michigan Gas & Oil Corp.	Yr. 6-30	*42,585	...	.....	...
United Dyewood Corp.	6 mos.	192,805	...	148,082	...
Weinberger Drug Stores	Yr. 6-30	163,774	2.05	.....	...

* Deficit.

Valspar Corp. Reports Profit

Thurlow J. Campbell, president of the Valspar Corporation, reports that the corporation and subsidiaries for the nine months ended August 31, show a final net profit after depreciation, taxes and all charges of $116,719.81, compared with a loss for the same 1935 period of $171,652.56. The company's operations for the usually dull summer months of July and August were satisfactory, the average monthly profit for the third quarter having been 48.7 percent over the average monthly profit for the first half of this year.

Grasselli Offers Test Kits For Plating Solution Control

The Grasselli Chemical Company is offering to the trade for the control of cadmium and zinc plating solutions test kits developed for the determination of cadmium in cadmium-cyanide plating solutions, determination of zinc in alkali-cyanide or acid-zinc plating solutions, and determination of the total soda-cyanide content in zinc or cadmium plating solutions. The company states that as nearly all previous methods of determining these constituents were either inaccurate, unreliable or intolerably slow, it sought to develop a method that would be accurate, and a quick means of finding the concentration of these constituents in the plating bath. It is stated that the kits are easy to manipulate.

McCormick & Co., spices and flavoring extracts, Baltimore, was host September 22 to the board of governors and committee chairmen of the National Association of Insecticide and Disinfectant Manufacturers, at the quarterly meeting of that organization, in the McCormick building. Charles P. McCormick, former president of the association and president of the company, presided.

GENERAL ELECTRIC OFFERS YOU A NEW NON-YELLOWING WHITE

GLYPTAL SOLUTION No. 2465

No. 2465 is an especially developed non-yellowing white solution for roll coating, architectural finishes and white coatings of the mill white type. It is supplied as a 70% solution in petroleum spirits and can be reduced by the same solvent.

No. 2465 brushes easily and is miscible in all proportions with oil to fortify linseed oil house paints. Brushability is not impaired.

Like all other Glyptal solutions, No. 2465 is manufactured under careful supervision and subjected to rigid tests to assure uniformity, stability, and pigment behavior. Submit No. 2465 to your own tests and learn what a superior vehicle it is. Fill in the coupon, below, and mail today for your sample of Glyptal No. 2465.

General Electric Company
Section M-8210
Appliance and Merchandise Dept.
Bridgeport, Conn.

Gentlemen:

We are anxious to prove to ourselves the superior qualities of Glyptal No. 2465. Please send a sample to the following address.

NAME.....TITLE.....

COMPANY.....

ADDRESS.....STATE.....

CITY.....

GENERAL ELECTRIC

GLYPTAL

APPLIANCE AND MERCHANDISE DEPARTMENT, GENERAL ELECTRIC COMPANY, BRIDGEPORT, CONN.

Oil, Paint and Drug Reporter

Founded October 18, 1871, by William O. Allison

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Sounder Tax Basis Needed

It is difficult to draw a line of general division between sound and unsound bases of taxation. Each school of economic thought has its own idea of what is sound in this respect; each can support its theories and schemes with arguments and facts of more or less limited application to the problem as a whole. This is not the sole reason why the tax system in the United States is steadily getting less sound. But, all other reasons must be laid aside if there is to be an approach to soundness.

There has been talk for years of the development of a scientific tax system for the Federal, State, and subdivisional governments in the United States. The results of taxmaking during these years have run farther and farther from all semblance of the scientific. Even under ideal conditions this would not be unexpected: economics is not an exact science; politico-economics is the least so. But, sound bases of taxation can be found without resort to exact science; their discovery and adoption call rather for simple purposes and sound thinking.

There can be no agreement on what is a sound, satisfactory basis of taxation as long as the inconsistencies within the several schools of thought persist. While those who decry invisible taxes at the same time vigorously oppose the most visible form of taxation—a consumer's sales tax—neither sound thinking nor science can be utilized in taxmaking. While taxation is the only practicable, almost the only possible, means of controlling the traffic in alcoholic liquors, narcotics, and other potentially harmful agents, to cry down taxation as an instrument for social regulation is to aggravate the need for sound thinking and simple purpose.

It is an easy matter to say that taxation should be proportioned to ability to pay. To construct a system of taxation on that basis is a difficult task. A more important and more desirable undertaking would be to see to it that taxes are paid in strict accordance with ability to pay. Plug the holes that still remain for evasion of taxes; tax money where it is spent not solely where it is earned, thus minimizing pyramiding; steer clear of soaking and exempting alike—and taxation will be sound and profitable.

Wholesaler's Dual Service

The position of the wholesaler in the system of commodity distribution has been substantially altered during the past two decades. Technologic progress in methods of transportation is one reason; perhaps it is the major reason in certain lines. The development of the chain system in the retail field is another reason; in certain lines it is unquestionably the strongest influence, for it has resulted in the almost complete elimination of the wholesaler. But, taking distribution as a whole, the chief reason why the wholesaler's role has become a relatively minor one is that he has lacked or disregarded the economic foresight which recognizes that one customer with a profitable business is a more valuable asset than are three customers, none of whom can operate at a profit.

In his dual role of service for the manufacturer—for many manufacturers—and service for the retailer—for many retailers—the wholesaler should be the governor, not the steam chest, on the engine of distribution. He can serve better in both directions if he co-ordinates his somewhat opposing functions as salesman for manufacturers and purchasing agent for retailers who buy these manufacturers' goods; if he realizes that his responsibility to his customers is of the greater importance—it is from them that his livelihood is derived. He can exist only as long as he has retailer customers who can operate at a profit and thereby be enabled to pay him for his services.

The essentialness of his customers' making a profit from their operations is rapidly getting more recognition by the wholesaler. This development, especially in the field of drugs and related commodities, is getting to the stage where more attention is being given to endeavors to help retailers profitably to operate their business as a whole, than is devoted to efforts to provide them with goods at lower prices.

Full recognition of the value of returns from profitably operating retailer customers was manifested at the recent meeting of the National Wholesale Druggists Association. In this recognition it was made clear that it pays better to assist a retailer to direct his operations along profitable lines than it does to urge him to unwise buying. The wholesaler, who checks the flow of goods from his house through the stores of his retailer customers, who has the courage to endeavor to keep the flow, first steady, then strong, and to refrain from loading his customers faster or heavier than they can unload, may not have as large a total of accounts receivable on his books but he will realize on a far greater part of those accounts than he would if he was first a salesman to his customers and only incidentally a purchasing agent for them. And he will be a more profitable salesman for manufacturers.

—O-P-D—

More Power For F.T.C.

One of the latest proposals to increase the effectiveness of the functioning of the Federal Trade Commission is that the commission be statutorily authorized to approve trade practices under the Robinson-Patman act. If this proposal would add anything to the commission's powers, it would add too much.

The Federal Trade Commission has authority to approve rules of fair trade practice, including definitions of specific practices as unfair. This authority is limited by the interpretations that the courts have given in respect of the laws under which the commission functions. Court interpretations of the Robinson-Patman act are still in the future.

Any practice which the commission could be authorized to approve under the Robinson-Patman act must be such as is clearly defined by the language of that statute. As the provisions of the act are almost wholly negative, rules in accordance with it must be largely definitions of unfair practices. That is quite different from approving practices as fair or legal.

Evidently the Federal Trade Commission has authority to approve a trade rule which defines as unfair a practice prohibited by the Robinson-Patman act. Reduced to simplicity such an approved rule would simply state that any practice prohibited by the act was unfair. The commission could go further to say that one specific practice was unfair; another, fair—as long as a definition of the particular practice could be found in the act. This would add nothing to the authority already possessed by the commission. It would add nothing to the solution of problems of the status of particular practices under the Robinson-Patman act.

To give the Federal Trade Commission authority to interpret the Robinson-Patman act in respect of the fairness of any practice would be to set the commission above the courts. The proposer of the new authority for the commission is reported to have said that approvals by the commission would not be conclusive. What assurance or what protection would they then afford? Certainly, if not conclusive—and they could not be unless the commission was constituted as a superior court—these approvals would be no defense, no excuse, no exemption under the law if they had to do with more than a simple declaration that what the Robinson-Patman act prohibits is an unfair trade practice.

The Federal Trade Commission in the due course of its functioning will define trade practices on the basis of the Robinson-Patman act as fair or unfair, legal or illegal. These definitions will be subject to review by the courts. It is difficult to see how Congress could bestow any greater power on the commission. A constitutional amendment would be necessary for the creation in the Federal government of an agency for public counsel with reference to the laws that are regulative of business. Such an agency would be very helpful. But, its creation, with powers beyond those possessed by the Federal Trade Commission and similar bodies, is not even to be expected.

—O-P-D—

Prosperity's Sound Basis

To effect progressive prosperity in business it is necessary to have the balance of production and consumption rest on an adequate buying power derived from the operations of production and distribution. Lack of this essential basis is attributable to one or both of two factors. One of these is a too narrow distribution of the earnings of industry. The other is too high a price for the products of industry.

There has been a lessening of the magnitude of the first factor in very recent years, especially in the chemical group of industries, wherein employment and payroll totals are substantially above those in manufacturing as a whole. This industrial group has also avoided price-inflation. These are the means by which the relationship of production and consumption is maintained on a sound basis and the continuing and progressive prosperity of business is assured.

It's that

EXTRA MARGIN *of* DEFTNESS

THAT MAKES FINER SWORDSMEN

It's that extra margin of skill and knowledge, acquired through years of experience . . . of concentration exclusively upon the production of fine chemicals . . . of a fixed determination to produce chemicals of as high a degree of purity and uniformity as is humanly possible . . . that has brought to Mallinckrodt its reward in the unquestioned dependence upon Mallinckrodt quality by the world's foremost and most exacting manufacturers of pharmaceutical preparations.

There may be manufacturers who have not yet learned how Mallinckrodt quality and dependability can safeguard their profits by insuring the uniform quality of their products. Requests for samples and quotations are solicited.

Among the 1500 fine chemicals for which Mallinckrodt Chemical Works is the preferred source of supply are:

The Bismuth Salts . . . The Bromides . . . The Benzoates . . . Calomel (U.S.P. Precipitated) . . . Gold Tribromide . . . Hydrogen Peroxide . . . Iodine (U.S.P. Resublimed) and the Iodides . . . Iron Salts . . . The Mercurials . . . Silver Salts . . . Salicylates . . . Tannic Acid (U.S.P. Fluffy).

A new Pharmaceutical-Industrial Price List had just been issued by Mallinckrodt. If you have not as yet received your copy, please advise us.

Mallinckrodt

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PHILADELPHIA
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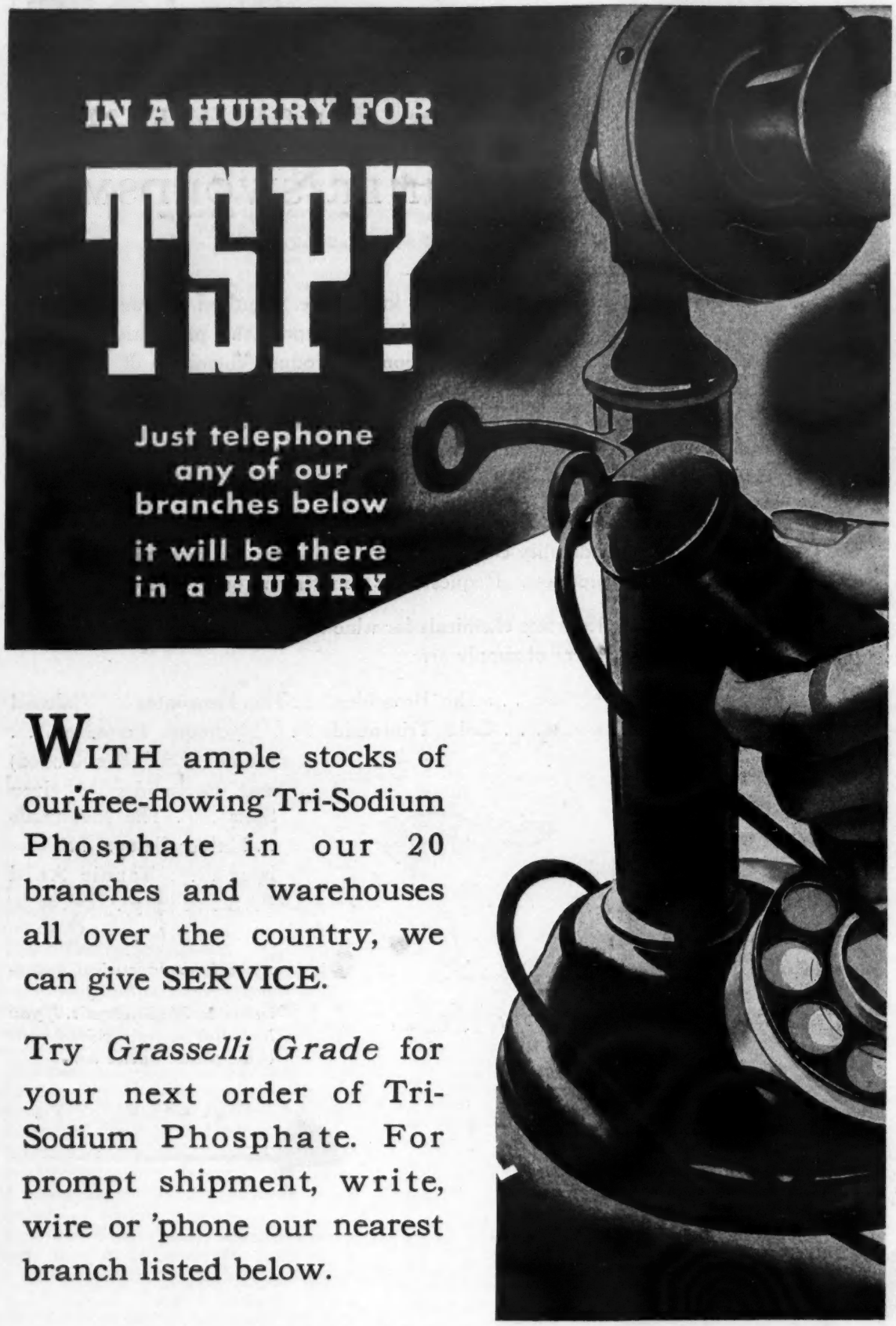

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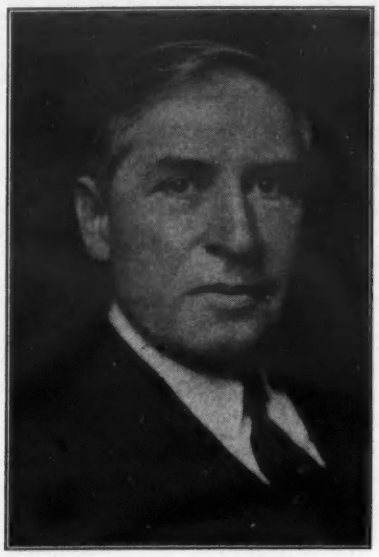
American Can Elects H. A. Baker President

Herbert A. Baker, vice-president of the American Can Company, has been elected president of the company to succeed C. E. Green, who resigned because of ill health.

Mr. Baker was born in Harmony, Ontario, was graduated from the University of Toronto in 1906 and has been connected with the can making company ever since. In 1910 he became chief chemist. During part of the World War he served as chairman of the tin plate apportionment committee, a division of the Food Administration, in Washington. In 1918 he became sales manager for the company in Chicago, in which position he remained until elected vice-president in charge of sales in 1932. Mr. Baker has been responsible for many scientific investigations resulting in significant improvements in the canning of foods, and is a member of the scientific research committee of the National Canners' Association. An honorary degree of Doctor of Science was conferred on him by Colgate University in 1933 in recognition of his contributions to scientific methods of canning foods. He is the author of several works on food preservation.



Herbert A. Baker

W.A. Harshaw Elected Chairman of Board

W. A. Harshaw, who founded the Harshaw Chemical Company in 1892 and has served as its president from the start, has become chairman of the company's board of directors. W. J. Harshaw, formerly vice president in charge of production, succeeds his father as president of the company.

Starting with a small plant in Cleveland, the business of the Harshaw Chemical Company has grown tremendously under the direction of Mr. Harshaw, sr., and the company now operates three large modern plants located at Cleveland, Elyria and Philadelphia. The offices and laboratories are located in Cleveland and the company maintains branch establishments in the principal cities throughout the United States.

Turner Co. Personnel Changes

Joseph Turner & Co., chemical sales agent, 500 Fifth avenue, this city, has appointed Charles M. Hollwedel sales manager for the New York district and John Henry has been made manager of sales for the New Jersey territory. Walter Merrill, head of the Turner Company, stated that plans call for the removal of the main office from this city to Ridgewood, N. J., where a two-story building is being constructed to house the executive offices and to provide warehouse facilities. The new structure is expected to be completed October 15. The 500 Fifth avenue location will be maintained as a branch office. The other branch offices are at Chicago and Providence.

Oil Chemists Meet Oct. 8-9

The tenth Fall convention of the American Oil Chemists' Society will be held in Chicago, in the Congress hotel, October 8 and 9. Oil and fats and related subjects will form the principal discussions, and prominent speakers from all parts of the country will take part.

Heavy Chemicals

Soda Silicofluoride Fractionally Lower—Irregular Call for Sulphuric Acid—Fluorspar Firm—Fair Demand for Alkalies—Insecticides Quiet—Calcium Chloride Active—Tin Salts Barely Steady

The market for industrial chemicals noted an expansion in demand during the week just ended. An expansion in operations in many of the major industries accounted for a good portion of the broader demand. Small miscellaneous consumers were replacing depleted month-end stocks. The market was featured by a reduction in soda silicofluoride prices.

The fractional reduction in prices for soda silicofluoride was caused by a more plentiful spot supply. The ceramic industry continued to furnish a good demand for that product. Business in sulphuric acid was irregular, but the price tone remained steady to firm. The steel mill operations were higher, and some improvement was noted in automobile production. Alkalies were in fair demand. The topic of conversation in alkali trade circles was 1937 prices. Nothing definite has been done on 1937 prices for caustic soda and soda ash. Caustic potash was firm.

The market for tin salts fluctuated, reflecting the movements in Straits tin. The monetary exchange unsettlement caused the fluctuation in basic tin prices. Antimony metal was quiet. calcium chloride was in fair demand. Chlorine continued firm. Fluorspar was firm, reflecting the low level of surplus stocks. The market for agricultural insecticides was quiet.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None.

Reduced

Soda silicofluoride, ¼c. per lb.

Comparative Values

Index numbers compiled from twelve typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
153.3	153.3	153.3	153.1

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.4	99.4	99.4	99.3

Market news that may have developed after this report was sent to press will be found on page 4.

Alums.—Business in commercial and iron-free sulphate continued at a fair pace. Demand came from the textile industry and for utilization in water purification. Prices were unchanged. The market for ammonia and potash alums continued quiet. No change was disclosed in quotations.

Ammonia, Aqua.—Betterment in demand was noted. Certain industries consuming this product were working on favorable production schedules. Prices were unchanged.

Ammonia Bicarbonate.—Interest in this product continued to be concerned with small quantities, indicating that consumers were covering only when needs reached an urgent stage.

Ammonia Perchlorate.—Jobbing quantities made up the call for this product. Despite the dull character of demand, sellers reported no change in quotations.

Ammoniac, Sal.—The orders placed in this market reflected a good interest on the part of battery manufacturers and other routine consumers. Prices held unchanged.

Ammonia Sulphocyanide.—The textile industry placed a fair amount of business. Prices continued unchanged.

Antimony.—Business in antimony metal continued slow. Prices held unchanged. It was apparent that consumers were adhering to the policy of ordering out supplies for nearby production wants only.

Antimony Oxide.—The ceramic industry showed a favorable interest in supplies of this material. The fairly active call gave the market a steady to firm appearance. Prices for needle antimony continued unchanged.

Arsenic.—The call for white arsenic followed a highly irregular trend. Despite the slow pace at times during the week, sellers reported prices held unchanged. Little betterment was evident in red arsenic. Prices were steady.

Barium Salts.—The market for chloride experienced a fairly active call from the textile trade. Quotations were without change. Business in nitrate was slow, but prices were steady. The call for hydrate was confined within narrow limits, but quotations were steady. No change occurred in prices for carbonate.

Bleaching Powder.—No slackening was shown in the call here. Demand came from the textile industry and other usual channels of consumption. A steady to firm tone governed the market. A fair volume of business has been booked for fourth quarter delivery.

Blue Vitriol.—Demand continued active. The inquiries were reaching the market from certain European consumers who customarily filled requirements from sources there. This situation came about as a result of the high level at which copper has been selling abroad. Prices remained at the levels of the preceding period.

Calcium Chloride.—A good volume of business moved for routine account. Prices appeared firmer, for demand was expected to broaden coincident with the colder weather.

Carbon Bisulphide.—An active interest was shown for this product. The buying originated in the usual quarters. Prices were well maintained.

Carbon Tetrachloride.—The call coming from the cleaning fluid companies held up well. Sellers were naming quotations of the preceding period.

Chlorine.—A good buying movement was in evidence in this direction, demand coming from the textile industry and other routine consumers. A decidedly firm tone was prominent. The commitments on hand for delivery in the fourth quarter was a factor promoting a firm tone.

Copper.—Business in electrolytic copper continued quiet. Some sellers were reported to have withdrawn from the foreign market early in the week as a result of the unsettlement in the monetary exchange situation.

Copperas.—Demand continued fairly good. No change was uncovered in the price structure. Steel mill operations moved to 75 percent of capacity, fractionally higher than noted in the preceding week. The outlook in the steel industry was favorable, some sources confident an 80 percent operating ratio will be reached in October.

Feldspar.—The ceramic industry continued as the main buying source in this market. Prices were firm.

Fluorspar.—Surplus stocks of this product were low, giving the market a firm price appearance. The low level of stocks of fluorspar could be partly explained by the heavy demand having been placed by the steel industry over the six months past. Prices were unchanged.

Nickel Salt.—Platers were ordering supplies at a good pace, for operations in that industry were showing signs of further expansion by reason of automobile manufacturers getting into production on 1937 models. Prices ruled unchanged.

Potash Carbonate.—This product moved against contracts in good volume, particularly in New England, for the textile industry in that district was operating at representative levels. Quotations were in line with previous values.

Potash, Caustic.—Important developments were wanting here, for shipments were moving to chemical processors and the soap industry in fair volume. No change was disclosed in quotations.

Potash Chlorate.—The match industry was the prominent buyer in a rather dull market. Prices were steady.

Saltcake.—Business from the paper, the glass and the textile industries held up exceptionally well. The fairly active demand gave the market a steady price appearance.

Soda Ash.—Producers reported a good volume of business has been booked for fourth quarter delivery, tending to bring about a steadier price tone. The period for contract writing for 1937 is

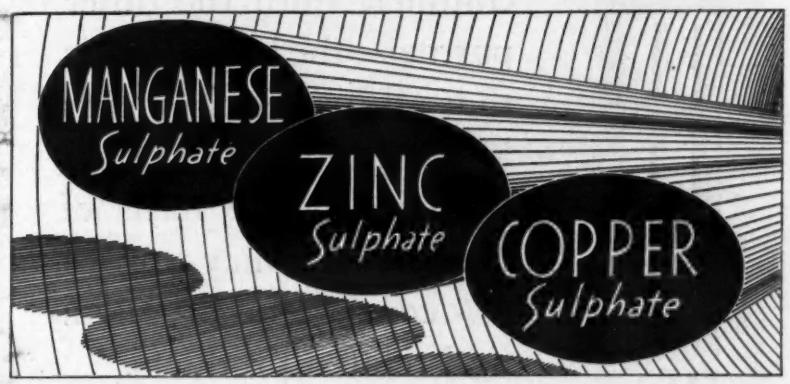
Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

BARIUM SULPHIDE
BARIUM REDUCTION CORPORATION, SOUTH CHARLESTON, W. VA.

MAGNESIUM FLUOSILICATE
CALCIUM FLUOSILICATE
ZINC FLUOSILICATE
FLUORINE PRODUCTS Division of Sterling Products Company Easton, Pa.

AMMONIUM CHLORIDE
JUNGMANN & CO., Incorporated
157 Chambers Street
BArclay 7-5129
New York

SUPPLIERS OF Chemicals FOR 70 YEARS
LIQUID CAUSTIC SODA
TANK TRUCKS—DRUMS
Local delivery tank truck service throughout the Metropolitan New York area.
JOSEPH TURNER & COMPANY
500 FIFTH AVENUE, NEW YORK
38 EXCHANGE PL., PROVIDENCE
40TH ST. & CALUMET AVE., CHICAGO



TENNESSEE CORPORATION
ATLANTA, GA.-LOCKLAND, O.-IN FLORIDA, U. S. PHOSPHORIC PRODUCTS CORP., TAMPA

CHEMICALS AND ALLIED PRODUCTS
EASTERN BUYERS, and also EASTERN SELLERS, should consider the advantages offered both in service and freight savings, available through our organization.
Warehouses and sales offices for Chemical and Allied Products located:
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St. Louis, Missouri
Des Moines, Iowa
Chicago, Illinois
Omaha, Nebraska
New Orleans, Louisiana
Memphis, Tennessee
Dallas, Texas
Houston, Texas
San Antonio, Texas
Tulsa, Oklahoma
Wichita, Kansas
Denver, Colorado
Minneapolis, Minnesota
Oklahoma City, Oklahoma
T-H QUALITY CHEMICAL SERVICE
THOMPSON-HAYWARD CHEMICAL CO.
KANSAS CITY. MISSOURI

BLUE VITRIOL
IRVINGTON SMELTING & REFINING WORKS
IRVINGTON NEW JERSEY
NEW YORK OFFICE
30 CHURCH ST.

SOLVAY PRODUCTS

TRADE MARK REG. U. S. PAT. OFF.

No sale is considered complete until the other partner—the buyer—feels that all his requirements have been fulfilled. This principle is the basis of the Solvay policy toward *all* consumers of alkali and related products.

Soda Ash
Caustic Soda
Modified Sodas
Special Alkalies
Nitrite of Soda
Liquid Chlorine
Calcium Chloride
Caustic Potash
Liquid—Flake—Ground—Solid—Lump
Ammonium Chloride
Para-dichlorobenzene
Ortho-dichlorobenzene
Ammonium Bicarbonate
Potassium Carbonate
Liquid—Granular Hydrated—Dustless Calcined
47% 83-85% 98-100%

SOLVAY SALES CORPORATION
Alkalies and Chemical Products Manufactured by The Solvay Process Company
40 RECTOR STREET NEW YORK
Branch Sales Offices:
Boston, Charlotte, Chicago, Cincinnati, Cleveland, Detroit, Indianapolis, Kansas City, New Orleans, New York, Philadelphia, Pittsburgh, St. Louis, Syracuse

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is Drying . . .

AIR	SULFUR DIOXIDE	ETHER
OXYGEN	METHYL CHLORIDE	ACETONE
HYDROGEN	ALCOHOLS	PYRIDINE
CARBON DIOXIDE	ESTERS	FORMIC ACID

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W. A. HAMMOND YELLOW SPRINGS, OHIO

MECHLING'S
HEAVY CHEMICALS
AGRICULTURAL INSECTICIDES

Silicate of Soda
Hyposulphite of Soda
Sulphite of Soda
Bisulphite of Soda
Sal Soda

Spraying and Dusting Materials

Immediately available in any amount

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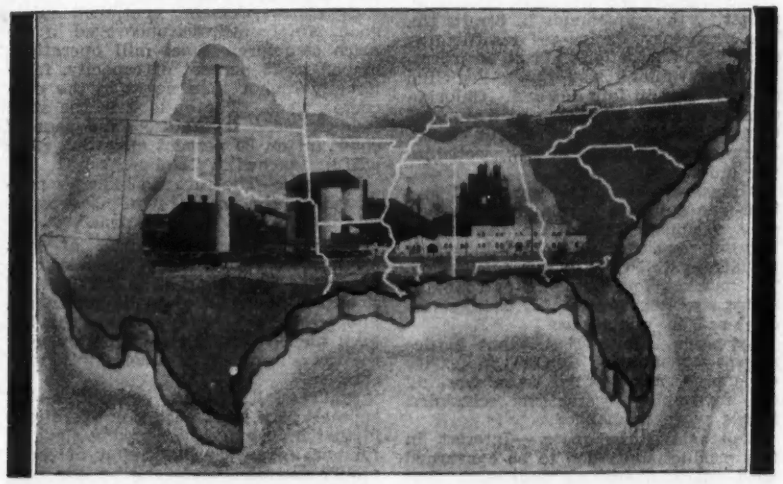
EXPANSION



Steadily—for the past two years—Southern Alkali has penetrated further and further throughout the great Southwest market—and even beyond. As the pioneer alkali manufacturer of that territory, it has come to know — and ably serve — the leading industries in that area.

There are good reasons for this expansion. These include highest quality alkalis, quick deliveries, low transportation costs (rail and tidewater), and a Technical Service Department expert in the production and handling problems confronting all alkali users. Why not expand with Southern Alkali?

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SOUTHERN ALKALI

SOUTHERN ALKALI CORPORATION
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SANTA FE TERMINAL BUILDING, DALLAS, TEXAS

in the offing. The price schedule for 1937 is a matter of conjecture at this time.

Soda, Caustic.—The small miscellaneous consumers supplied the bulk of the buying, because many of the major consuming industries were taking third-quarter inventory. Prices ruled unchanged.

Soda Cyanide.—The plating trade ordered a good volume of business against contracts. Prices were unchanged.

Soda Phosphate.—Business here continued fairly good in tri-basic phosphate. The market appeared firmer from a price standpoint. Textile industry was placing a fair request for di-basic phosphate. All prices were the same as in effect in the previous period.

Soda Silicofluoride.—A slight reduction in prices was noted here. The new schedule calls for 6¾c. to 7c. per pound, according to quantity. The lowering of prices resulted from the prevalence of more supplies in the spot market.

Tin Salts.—The market for Straits tin recovered a portion of the loss suffered early in the week by reason of unsettlement in the monetary exchange situation abroad. A London cable stated that leading commodity traders were of the opinion that the devaluation of the French franc and the resultant action of other governments could be considered bullish and that international trade should benefit enormously. It was recognized that there may possibly be some initial speculative uncertainty, but this was unlikely owing to the upward adjustment of sterling prices to dollars. Tin trades were bullish early in the week in view of the increased purchasing power of the United States, coupled with expectations that the Siamese will adhere to restriction. American tin deliveries in September were 6,700 tons, of which 200 tons were made from Pacific ports. The world's visible supply of tin, plus the carryover in the Straits Settlements and at Arnhem, Holland, fell off 746 tons in September to 16,896 tons, a sharper decline than expected.

Acids

The market for acids continued to experience a fairly active demand. Prices were steady to firm. The call for sulphuric acid reflected the betterment taking place in some industries. The steel mill operations were higher. Betterment was evident in the buying of chromic acid. Prices for chromic acid have been extended to cover fourth quarter requirements. Battery acid was routine. Boric acid noted a favorable industrial demand. Muriatic acid recorded an irregular buying movement, and prices held unchanged. Oxalic acid was in a firm price position. No change was uncovered in nitric acid.

Acetic.—The call was fairly good here. Prices ruled steady to firm.

Battery.—Business continued on a strictly routine basis. The market failed to note any change in prices.

Boric.—Industrial consumers were withdrawing shipments against contracts in good volume. Prices displayed a firm tendency. Replacement buying at the start of a new month was held accountable for a portion of the activity.

Chromic.—The plating trade was ordering out sizable commitments, and quotations ruled firm. Sellers have extended prices to cover fourth quarter requirements.

Formic.—Activity was noted in this market. The textile industry was placing a representative call. Prices ruled unchanged.

Lactic.—The tanning industry was ordering out a good volume here, and sellers reported prices were firm.

Monochloracetic.—Interest here continued to be concerned with small quantities, but no change was disclosed as far as prices were concerned.

Muriatic.—Demand for this material reflected favorable production schedules in certain consuming industries. Sellers described the price tone as firm.

Nitric.—Indications here were that regular buyers were covering for actual production requirements, but the volume of business transacted reached a level sufficient to give a firm price appearance to the market.

Oxalic.—A firm tone continued in prominence, although demand was highly irregular.

Sulphuric.—This situation underwent little change, with the possible exception that demand was swelled somewhat by replacement buying on the part of a number of small miscellaneous consumers. Prices were firm. Higher operations were noted in the steel industry. Production by fertilizer manufacturers in August amounted to 141,501 tons, against 121,166 tons in July. Total for the first eight months was 1,082,409 tons, against 1,048,081 tons in the same period a year ago. Consumption by reporting establishments in manufacture of fertilizer in August was 114,521 tons, against 99,325 tons in July a year ago. Total for eight months was 823,710 tons, against 852,178 tons in the same period a year ago. Stocks at the end of August totaled 77,590 tons against 74,325 tons in the previous month, and 91,995 tons in August, 1935.

BALTIMORE, Sept. 30.—The past week proved to be without developments of real moment in the sulphuric acid market. This uneventfulness serves to put the matter of a possible shortage of pyrites as a consequence of the Spanish revolution in the background and also eliminates the issue of a marking up of the quotations from consideration just now. The current acid quotations remain at $12 per ton for 60 degree and at $15 per ton for 66 degree acid. Oleum is in much the same position, with the figures named still around $17 per ton.

Insecticides

The market for agricultural insecticides and fungicides moved through a week marked by a highly irregular demand. The irregularity in buying failed to have an influence on the market pricewise. Lead arsenate was the active feature. The buying of lead arsenate came mostly from golf courses. The hot, dry weather that stimulated grasshoppers to unusual activity in August checked somewhat the development of the Hesian fly—another important insect pest of grains and forage crops. Recent surveys by the Department of Agriculture show danger of serious Hessian fly infestations this Fall only in an east central area extending from the southwestern corner of Ohio, across the southern half of Indiana and the southern two-thirds of Illinois, and moderate infestations extending into east central Missouri. Farmers in these regions have been warned to observe safe sowing dates, to plow under wheat stubble well before seeding time, and to destroy volunteer wheat wherever possible. The last two measures are particularly feasible this year, because drought has killed out clover stands in many wheat stubble fields. The grasshopper situation continued serious in the Great Plains all through August. Where other vegetation had been destroyed, the hoppers defoliated shade and fruit trees. Large numbers also invaded the East Central States. The Fall army worm destroyed grain—especially corn—and grasses in the southern Mississippi Valley. The corn earworm, however, was notably scarce nearly everywhere, except in the Great Basin, Utah, where it damaged tomatoes, as well as corn. August was a favorable month for the codling moth in the East Central States. Generally heavy outbreaks were reported from New York, Ohio, Indiana, Illinois, Kentucky and Tennessee. Cotton bollworm infestations, in general, are below normal throughout the cotton belt. This pest seems to be slightly on the increase in North and South Carolina, Alabama, parts of Mississippi, and parts of Texas. In Tennessee, northwestern Mississippi, Arkansas, Oklahoma, and central and northern Texas, however, the boll weevil is comparatively scarce, the infestations in Arkansas and Oklahoma being among the lightest of record. Very severe damage to late tobacco by the tobacco flea beetle was reported from North Carolina.

Bordeaux Mixture.—Demand was slow. Sellers continued to adhere to previous prices.

Calcium Arsenate.—Further slackening was apparent in the call here. The slowing down could be explained by depressed seasonal influences. Prices were unchanged.

Lead Arsenate.—A good demand was reported for this article. Prices held in line with the schedules in effect previously.

Nicotine Sulphate.—Despite the highly irregular call, sellers reported the market retained a steady to firm price appearance.

Imperial Chemical Is Forming Sulphur Unit

A new company, Sulphur Patents, Ltd., is being formed by Imperial Chemical Industries, Ltd., the British chemical combine, and Bolidens Gruvaktiebolag, Sweden, for the joint exploitation of the processes developed by the two companies for the manufacture of sulphur and liquid sulphur dioxide from the sulphurous gases evolved in metallurgical operations such as the roasting and smelting of sulphide ores.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

CONSTANT as the TIDES

Diamond Alkalies owe their being only to man's ingenuity. They are not, as the tides, a product of the immutable laws of the universe; but it has been our special pride to maintain their qualities of purity and uniformity as fixed and predictable from day to day as the tides themselves. Throughout industry there is no greater assurance of dependability in an Alkali than the Diamond Trademark.

Diamond Products

58% Soda Ash
Bicarbonate of Soda
76% Caustic Soda
Carbon Tetrachloride
Diamond Soda Crystals
Modified Soda
Special Alkalies
Liquid Chlorine

ALKALI

DIAMOND ALKALI COMPANY
PITTSBURGH *and Everywhere*

Beardsley Stricken

A. H. Beardsley, president of the Dr. Miles Laboratories, Inc., Elkhart, Ind., is in Doctors' Hospital, this city, recovering from a heart attack which he suffered while returning to this country from Europe on the Normandie. Mr. Beardsley went to Nauheim about two months ago. A fortnight ago he made steamship reservations to return home but illness forced cancellation of that trip. As soon as he improved he took passage on the Normandie, but had a recurrence of his trouble on the way over. He arrived in this city September 28.

Blackstrap Freights Cancelled

The New York Public Service Commission has approved cancellation by the New York Central (East) railroad, of commodity freight rates on blackstrap molasses, barrels, carload; New York city stations to Mechanicsville, on the Boston & Maine railroad; class rates apply; effective October 1. Also of the Boston & Maine railroad, on blackstrap molasses, carload; Mechanicsville to Buffalo; advance to class rates; effective October 15; also of the Long Island railroad, on blackstrap molasses, carload, various paints to Riverhead; advance to class rates; effective October 15.

Drug-Chemical Section By-Laws

The executive committee of the Drug, Chemical and Allied Trades Section of the New York Board of Trade has approved a set of rules and regulations drawn up by the by-laws committee of the section, which has operated in the past without a standard form of procedure. Copies of the regulations have been sent to members with a request for suggestions, which will be incorporated in the final draft to be presented for approval of the membership at the Fall meeting at Skytop, Pa., October 23 and 24.

Matchabelli Sale Allowed

Surrogate James A. Delehanty has signed an order permitting Public Administrator James F. Egan, as administrator of the estate of Prince Georges Matchabelli, to sell the estate's holdings of 5,278 shares of common stock, and the controlling interest in the Prince Georges Matchabelli Perfumery, Inc., together with its interest in Les Parfums de Prince Matchabelli Societe Anonyme, to Saul Ganz, this city, for $240,000.

Ducktown Stockholders Agree To Sale to Tennessee Corp.

Stockholders of the Ducktown Chemical & Iron Company have approved of the dissolution and sale of the company to the Tennessee Corporation, and the company has been taken over by the Tennessee Corporation. The acquired mines and facilities will be operated as a unit of the Tennessee Copper Company, a wholly-owned subsidiary of the Tennessee Corporation. The agreement for the acquisition provides for the payment in $1,000,000 of 15-year 6 percent debenture bonds, series C, due 1944, $620,000 in cash and a further sum in cash equal to the value of the inventories acquired. An additional $600,000 of the bonds will be sold to provide cash to be expended in the acquisition of the Ducktown properties and a lease of certain mining properties in Polk county, Tennessee.

Standard Oil Company of New Jersey has begun suit in the United States District Court, this city, to recover $2,017,624 with interest at 6 percent from the date of payment August 31, 1931, representing taxes paid the government.

London Drug and Oil Data

Stocks of drugs and oils in London public warehouses, August 31, 1936, and the movement of these goods into and out of such premises during August, this year, were as follows:—

	Landed.	Delivery.	Stocks 1936.	Stocks 1935.
Shellac, orange, cs.	1,308	2,168	124,761	218,550
garnet, cs.	304	287	1,117	685
button, cs.	400	344	1,197	788
Totals	2,012	2,799	127,075	219,723
Cinchona bark, South American, cs.	...	...	...	...
bales, etc.	...	...	...	...
East India, Ceylon and Java, cs.	...	...	...	...
bales, etc.	94	136	387	884
Totals	94	136	387	884
Quinine sulphate, lbs.	5,475	5,475	...	...
Tanners' bark, tons.	...	...	...	...
Beeswax, pkgs.	975	950	2,531	1,619
Japan wax, cs., etc.	148	148	232	308
Camphor, pkgs.	219	196	382	467
Cardamom, cwts.	125	121	311	729
Cochineal, bgs.	22	19	50	19
Coculus indicus, bgs.	...	...	...	...
Colombo root, bgs.	...	50	47	404
Cubebs, bgs.	...	...	5	17
Dragon's blood, cs.	2	11	174	112
Nutgalls, China and Japan, cs.	280	...	440	646
Turkey and Persian, bgs.	...	1	162	59
Aloe, cwts.	147	30	390	111
Anise, Star, cwts.	15	62	94	82
Arrowroot, bbls.	326	699	2,015	2,075
boxes and tins	...	...	...	...
Balsam, cwts.	15	5	98	40
Cascara sagrada, tons.	...	3	42	116
Gum, ammoniac, pkgs.	...	2	27	24
animi, pkgs.	33	49	440	600
copal, pkgs.	2,967	4,317	17,793	14,843
arabic (all descriptions), pkgs.	1,612	1,479	11,753	7,841
asafetida, cwts.	12	7	425	294
benzoin, cwts.	104	110	796	611
dammar, pkgs.	1,398	967	5,691	4,808
gamboge, cwts.	8	16	31	26
guaiac, cwts.	...	9	119	169
elemi, pkgs.	...	...	...	...
kauri, tons, net	63	57	127	286
mastic, pkgs.	56	...	60	23
myrrh, East India, pkgs.	...	4	100	208
olibanum, pkgs.	3	20	250	290
sandarac, pkgs.	25	36	148	111
tragacanth, pkgs.	1,059	970	5,085	6,300
Ipecac, Mattogrosso, Minas, Carthagena, E. I., cwts.	55	73	226	91
Jalap, cwts.	...	...	...	12
Myrabolans, tons.	...	...	2	2
Nux vomica, cwts.	...	396	20	561
Oils, castor, cwts.	409	441	72	169
palm, tons	...	...	...	1
coconut, tons	98	105	32	34
olive, csks., etc.	755	821	1,004	1,362
*anise, cwts.	29	30	33	14
*cassia, cwts.	26	26	5	9
Graphite, tons.	67	24	68	46
Rhubarb, Chinese rhapontica, cwts.	79	94	218	321
Saltpeter, tons.	...	...	2	11
Soda nitrate, tons.	...	156	1,963	711
Sarsaparilla, cwts.	84	57	353	366
Senna, bls.	202	271	3,731	4,454
Sticklac, cs.	335	481	2,524	1,225
Gambier, tons.	7	8	8	12
Cutch, tons.	...	1	4	10
Turmeric, Bengal, tons	...	4	83	33
Madras, Cochin, etc., tons	...	12	177	83
Total tons.	...	16	260	116

* Stocks at certain wharves not included.

Ballentine Starts Own Business

F. W. Ballentine, sales manager for Pinaud, Inc., is leaving to engage in business of his own. He is being replaced by Charles S. Davis, who has been employed as district manager of the New York and New England territory for the last year. Mr. Davis has had many years of merchandising experience in the drug and toilet goods industry.

Santa Rita Oil to Erect Refinery and Change Name

The Santa Rita Oil Company will erect an oil refinery in the Cut Bank field of Montana, to have a daily capacity of 2,500 barrels and be known as the Northwest Refinery Company. The cost is estimated at $500,000. It is expected to be operating by January 1.

The Santa Rita and other companies were selling a large part of their crude oil to Canadian refineries, but the bringing in of large producers in the Turner Valley field, eased up Canadian purchases. Some large wells in the Cut Bank, Mont., field are shut in.

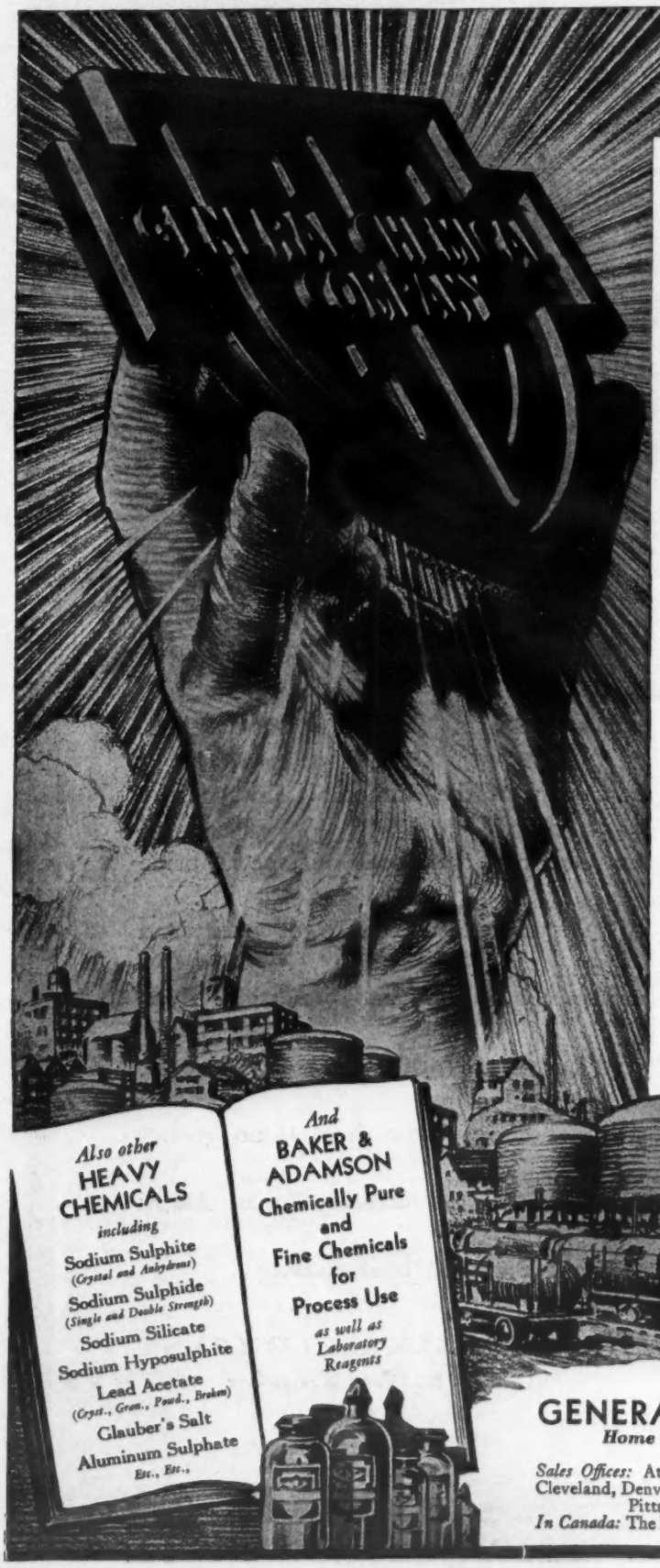
Obituaries

(Continued from page 4)

and William Horlick, jr., and his daughter, Mrs. Mabelle Horlick Sidley, all of Racine; also a grandson, two married granddaughters, a great-great-grandson, and two great-great-granddaughters.

Mrs. M. Elizabeth Hendrickson, president of the Hendrickson & Dilatush Company, fertilizer producer, Robbinsville, N. J., died September 25 after a lingering illness. She was seventy-five years old. Surviving is a son, Earle Hendrickson, secretary of the company.

J. N. Robinson, formerly president of the Monmouth County Farmers Exchange, fertilizer producer, Freehold, N. J., was struck and killed by an automobile September 29. He was seventy-five years old.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(HYDROCHLORIC ACID)
18°—20° and 22° Baume'
• NITRIC ACID
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Also Aqua Fortis and White Acid
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Products of Standard Purity, backed by vast resources in delivery equipment and an organization which assures the maintenance of delivery schedules
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including
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Sodium Sulphide (Single and Double Strength)
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Lead Acetate (Cryst., Gran., Powd., Broken)
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Aluminum Sulphate Ext., Ext.,
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In Canada: The Nichols Chemical Company, Limited, Montreal, Toronto

Coaltar Chemicals

Benzol Demand Better—Toluol, Xylol and Solvent Naphtha Spot Stocks Short—Cresylic Acid Firm—August By-Product Output Shows Sharp Advance

The market for coaltar chemicals noted an active inquiry throughout the week just closed. Manufacturing consumers were withdrawing shipments against contracts at a pace sufficient, in some instances, to absorb current production, resulting in a shortage of material available for spot transactions. Prices were steady to firm.

Toluol was active. The reason for this activity could be explained by an improvement in automobile production. Whizzed naphthalene was dull. Benzol was in fair demand. Phenol continued in good demand. Cresylic acid was decidedly firm. Reports were denied that Germany was again considering placing restrictions on cresylic acid exports. Phthalic anhydride held firm. Anilin oil shipments reflected good operations in consuming industries. Anthranilic acid was unchanged.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

None

Comparative Values

Index number compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
126.3	126.3	126.3	122.8

Market news that may have developed after this report was sent to press will be found on page 4.

Output of by-product coke for August amounted to 3,865,802 tons, or 124,703 tons per day, an increase of 4.0 percent when compared with July recovery. Stock piles at by-product plants at the close of August were 9.4 percent higher than at the beginning of the month, the bulk of the increase occurring at merchant plants. At the rate of production in August, stocks were sufficient to last 15.9 days, in comparison with 35.6 days' supply at the end of August, 1935. Output of tar amounted to 51,149,830 gallons, compared with 48,162,635 gallons in July, and 36,847,139 gallons in the corresponding month a year ago. Total for the first eight months was 374,156,635 gallons, against 291,922,504 gallons in the same period a year ago. August light oil output was 16,088,341 gallons, compared with 15,463,301 gallons in July, and 11,589,664 gallons in the same month a year ago. For the first eight months the total was 117,684,842 gallons, compared with 91,819,401 gallons in the corresponding period a year ago. Ammonia sulphate, or its equivalent, output in August was 62,047 tons, compared with 59,761 tons in July, and 43,471 tons in August last year. Total for the first eight months was 448,875 tons, against 337,135 tons in the similar period a year ago.

Basic Products

Benzol.—A good inquiry was noted for benzol. Shipments were moving to rubber manufacturers at a consistent pace, and chemical processors were in the market at frequent intervals. Iron Age reported steel mill operations at 75 percent of capacity, slightly higher than the ratio prevailing in the previous period. The same source further reported steel companies booked from 25 to 50 percent more tonnage in September than in August, establishing the last month as possibly the best of the year. It was also reported that in addition to active domestic business, mills are enjoying a spurt in export demand, which has been brought about mainly because of the inability of British and German mills to make deliveries short of three months or more. Both production and stocks of coke increased during August. The daily rate of output from by-product and beehive plants amounted to 129,618 tons, indicating a gain of 4.4 percent over the July rate of 124,189 tons. This gain more than offset the loss of 2.0 percent suffered in July, and placed the trend of production on a level with July, 1930, when an average of 129,100 tons per day was reported. Benzol production in August was 9,194,000 gallons, compared with 8,818,000 gallons in July, and 6,668,000 gallons in August last year. Total for the first eight months was 67,902,000 gallons compared with 49,197,000 gallons same period a year ago.

Creosote Oil.—Business in this product continued at a fairly active pace. Inquiries were reaching the market from the major railroad systems and public utility companies. Prices held steady.

Cresylic Acid.—The synthetic resin industry continued to place a substantial demand here. Shipments against contracts reached a volume sufficient to absorb current production, leaving the spot market without supplies. Reports last week contradicted the rumor relating German was again considering placing restrictions on exports of cresylic acid. Prices continued decidedly firm.

Naphthalene.—Betterment in demand failed to develop in whizzed naphthalene. The dull demand reflected the inclination of consumers to await further developments regarding prices for 1937, for it was generally agreed that major consumers held contracts for supplies sufficient to cover requirements for the remainder of the fourth quarter.

Phenol.—Continuance of a good demand was recorded in this market throughout the week just closed. Buying orders reached the market from the pharmaceutical industry and other regular channels of consumption. A steady to firm tone was prominent.

Solvent Naphtha.—Releases against contracts continued at a pace equivalent to actual production, resulting in the spot market being short of supplies, but prices for industrial water white held steady to firm. No change was disclosed in prices for high flash naphtha.

Toluol.—The demand side of the market was active. Shipments were moving at a steady pace as a result of the high level of activity in automobile manufacture. Reports from Detroit continued to tell of the progress being made by manufacturers toward getting in sizable production on 1937 models, the initial public showing of which takes place in November.

Xylol.—Business in commercial xylol continued good. Prices held unchanged. The spot market was without supplies.

Chicago Coaltar Bases

CHICAGO, Sept. 30.—With new models of motor cars coming out or scheduled for mass production soon, the movement of coaltar base materials entering into production of finishes has been along quite extensive lines. Prices for toluol and other key products have shown no important changes, but tone of the general market is healthy throughout, it appears. Inquiries are still coming in. Ruling prices exclusive of tax are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 11c. to 12c.; toluol, 30c.; 10-degree xylol, 33c.; solvent naphtha, 30c.; creosote oil, grade 1, 12½c. to 13c.

Coaltar Acids

Benzoic.—Little activity was noted in this direction. Usual buyers supplied the call. Prices ruled unchanged.

Cleve's.—Although demand was a rather drab affair, the market noted a steady to firm tone.

Broenner's.—Conditions here were much the same as in the preceding week, in that demand was dull. Quotations were in conformity with the schedule in effect previously.

Picric.—Despite the irregularity in buying, sellers reported the presence of a firm tone.

Salicylic.—An active inquiry was noted for this market again last week, and prices held unchanged.

Tobias.—Quiet prevailed in this market, for routine consumers were ordering out supplies for immediate production wants only. Prices held unaltered.

Other Intermediates

Anilin Oil.—Important developments were lacking in this direction. Sellers reported a good demand. Prices held unchanged.

Benzidin Base.—A steady to firm tone prevailed here. Consumers were mak-

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

CHEMICALS

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Barrett Chemicals are the result of 82 years of successful manufacturing experience. They are produced to meet the most exacting demands for quality, uniformity and dependability. Barrett's unmatched service is assured with every order. Phone, wire or write for quotations.

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ANHYDROUS AMMONIA
BARRETAN*
BENZOL
CRESOLS
U. S. P., Meta Para, Ortho
Special Fractions
CRESYLIC ACID
Straw Color and Dark
CUMAR*
Paracoumarone-indene Resin
FLOTATION OILS and REAGENTS
HI-FLASH NAPHTHA
HYDROCARBON OIL
NAPHTHALENE
Crude, Refined Chipped, Flake and Ball
PHENOL (Natural)
U. S. P. 39.5° M. Pt. and 40° M. Pt.
Technical 39° M. Pt.
Technical 82-84% and 90-92%
PICKLING INHIBITORS
PICOLINES
PYRIDINE
Refined, Denaturing and Commercial
QUINOLINES
RUBBER SOFTENERS
SHINGLE STAIN OIL
SOLVENT NAPHTHA
SPECIAL HEAVY OIL
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THE BARRETT COMPANY
40 Rector Street, New York, N. Y.

ing commitments only when needs reached an urgent point.

Betanaphthol.—Shipments were moving against contracts at a pace sufficient to give the market a decidedly firm undercurrent. Fourth quarter bookings were said to be good.

Dinitrobenzene.—This market offered little change from recent weeks, in that demand was spotty. Despite the spottiness, sellers reported the presence of a steady to firm tone.

Dinitrotoluene, Oily.—A highly irregular demand was registered in this market, reflecting the inclination of consumers to remain aloof from the dealings unless needs became imperative.

Metatoluylenediamine.—Business here remained slow. Sellers were adhering to prices prevailing in the previous period.

Orthotoluidin.—A steady tone governed dealings here, and no change was uncovered in quotations.

Phthalic Anhydride.—A substantial buying movement was in evidence. Prices ruled unchanged.

Schaeffer's Salt.—Another dull week was reported from a demand standpoint. Prices continued firm.

Toluidin.—Demand was spotty. A steady to firm tone was reported. Such a price tone was attributed to the continuance of a similar tone in the basic product.

Coaltar Colors

Business in coaltar colors continued irregular. Prices were steady to firm. Reports from New England told of further betterment taking place in the cotton end of the textile industry, and further broadening has taken place in production schedules of the shoe industry. The feature in the market continued to be the light shades, including blue, brown, red and gray. The woolen and worsted mills were ordering out at a good pace. Rayon and silk mills were holding up well. Dyes used in stains were quiet. However, prices for the various dyes in this group continued unchanged.

KOPPERS

BENZOL TOLUOL XYLOL
CRESOL PHENOL
SOLVENT NAPHTHA
CRESYLIC ACID
NAPHTHALENE

KOPPERS PRODUCTS COMPANY
KOPPERS BUILDING · PITTSBURGH, PENNA.
Offices and Plants in Important Cities

Sulphonated Oil Golf Match Won by Jordan

The Sulphonated Oil Manufacturers Association held its Fall outing, dinner and golf, at the Manufacturers Country Club, Oreland, Pa., September 28 and 29, with more than 50 in attendance. The following were the prize winners:

Low net, Canfield Jordan, W. H. & S. Jordan Manufacturing Company; guest low net, L. S. Lloyd, Alex Fergusson Company; second low net, member, R. L. Jones, Royce Chemical Company; low gross, member, C. M. Morrison, Reilly, Whiteman & Walton Company; kickers for members, D. S. Whiteman, Reilly, Whiteman & Walton Company; kickers for guests, A. A. Underwood, *American Woolen Reporter;* second low net, guests, M. D. Reeser; third low net, member, H. A. Metz, Herman A. Metz & Co.; fourth low net, member, A. J. Royce, Royce Chemical Company; highest gross score, member, J. M. McChesney; highest gross score, guest, I. M. Colbeth, Baker Castor Oil Company; attendant not playing golf, Frederick Babcock; door prize, guest, J. M. McCarthy, Gross & Co.; door prize, member, A. B. McCarty, American Aniline Company; fifth low net, member, L. L. Grombacher, Standard Chemical Products Company; sixth low net, member, J. C. Cadmus; highest net score, member, R. W. Bjork, L. Sonneborn & Sons Co.; birdies, Gus Olsen, General Chemical Company; highest score on one hole, T. Atkinson, Scholler Brothers; best score, night game, A. E. Jones, Jr., Alco Oil & Chemical Co.; best score for bald heads, W. J. Thorn, Innis, Speiden & Co.; loving cup for all round excellence, L. O. Koons, Scholler Brothers. The committee consisted of Fred C. Scholler, chairman; A. E. Jones, Jr.; C. P. Gulick, National Oil Products Company, and John C. Wolke, L. Sonneborn & Sons Co.

J&L

benzol service

Making benzol to your exact specifications, and providing a continuous supply of like character constitute J & L Benzol Service.

Extensive experience in the use of benzol has given Jones & Laughlin a broad understanding of the varying needs which the manufacture of widely differing products imposes. This experience, together with an expert technical staff and proper production facilities, has equipped J & L to supply benzol to satisfy individual requirements. We will welcome the opportunity of furnishing a sample made to your specifications. Look to Jones & Laughlin, also, for structural steel, pipe, boiler tubes, and all of the other steel products that you use.

J & L LIGHT OIL DISTILLATES

Pure Benzol *Motor Benzol*
Pure Toluol *Solvent Naphtha*
90% Benzol *Xylols*

J&L STEEL

JONES & LAUGHLIN STEEL CORPORATION
American Iron and Steel Works
PITTSBURGH, PENNSYLVANIA.

Bids Wanted

Acetic Acid, Glacial:—24,300 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; circular 34, opening October 8.

Aircraft Engine Fuel:—91,000 gallons; grade 92; Contracting Officer, Material Division, Air Corps, Wright Field, Dayton, O.; circular 209, opening October 6.
7,000 gallons, grade 65; Contracting Officer, Material Division, Air Corps, Wright Field, Dayton, O.; circular 209, opening October 6.

Alum: — 39,785 pounds; Quartermaster, Marine Corps, Washington; schedule 216, opening October 9.

Aluminum Bronze Powder:—4,300 pounds; Contracting Officer, Material Division, Air Corps, Wright Field, Dayton, O.; circular 186, opening October 7.

Ammonia: — Supplies of; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; circular 54, opening October 9.

Anti-Freeze:—125 gallons; U. S. Engineer Office, Fort Peck, Mont.; circular 20, opening October 7.

Antiseptic Solution:—Supplies of; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; circular 54, opening October 9.

Baking Soda:—1,600 pounds; Quartermaster, Marine Corps, Washington; schedule 216, opening October 9.

Castor Oil:—150 gallons; Quartermaster, Marine Corps, Washington; schedule 216, opening October 9.

Caulking Compound:—1,225 gallons; Corps Area Quartermaster, Fort Hayes, Columbus, O.; circular 55-8, opening October 8.

Coaltar, Liquid:—3,000 gallons for Mare Island; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 8885, opening October 13.

Cottonseed Meal:—20 tons, for Raleigh, N. C., and Wenona, N. C.; Division of Purchase, Sales and Traffic, Department of Agriculture, Washington; procurements 7492 and 7495, opening October 6.

Ferrous Sulphide:—110 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; circular 34, opening October 8.

Flavoring Extracts:—Supplies of; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; circular 54, opening October 9.

Fuel Oil, Bunker C:—4,000 barrels; U. S. Engineer Office, Custom House, Boston, Mass.; circular 27, opening October 9.

Hexachlorethane:—6,000 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; circular 34, opening October 8.

Lard and Lard Substitute:—Supplies of; Quartermaster, Fort Oglethorpe, Ga.; circular 12, opening October 15.
Supplies of; for various deliveries; Quartermaster Supply Officer, Fort Sam Houston, Tex.; circular 39, opening October 16.
Supplies of; Quartermaster Depot, Twenty-first and Johnston streets, Philadelphia; circular 73, opening October 14.

Laundry Soda:—6,000 pounds; Quartermaster, Marine Corps, Washington; schedule 216, opening October 9.

Magnesium Oxide:—690 pounds; Chemical Warfare Service, Edgewood Arsenal, Md., circular 34, opening October 8.

Mayonnaise: — Supplies of; Quartermaster Depot, Twenty-first and Johnston streets, Philadelphia; circular 73, opening October 14.

Motor Fuel V:—32,000 gallons; Constructing Quartermaster, Munitions building, Washington; circular 6, opening October 6.

Neatsfoot Oil:—742 gallons, for Sewall's Point and Mare Island; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 8831, opening October 6.

Salt:—Supplies of; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; circular 54, opening October 9.

Scouring Powder:—1,200 cans; Contracting Officer, Material Division, Air Corps, Wright Field, Dayton, O.; circular 208, opening October 13.
Supplies of; Quartermaster Depot, twenty-first and Johnston streets, Philadelphia; circular 73, opening October 14.

Sealing Compound:—530 quarts for liquid cooled engines; Contracting Officer; Material Division, Air Corps, Wright Field, Dayton, O.; circular 207, opening October 12.

Soap, Grit:—Supplies of; Quartermaster, Fort Oglethorpe, Ga.; circular 12, opening October 15.
22,900 cakes; Contracting Officer, Material Division, Air Corps, Wright Field, Dayton, O.; circular 208, opening October 13.

Soap, Laundry:—Supplies of; Quartermaster Depot, Twenty-first and Johnston streets, Philadelphia; circular 73, opening October 14.
Supplies of; Quartermaster, Fort Oglethorpe, Ga.; circular 12, opening October 15.

Soap, Liquid Hand:—1,550 gallons; Contracting Officer, Material Division, Air Corps, Wright Field, Dayton, O.; circular 208, opening October 13.

Soap, Powder:—4,500 pounds; Contracting Officer, Material Division, Air Corps, Wright Field, Dayton, O.; circular 208, opening October 13.

Soap, Toilet:—Supplies of; Quartermaster, Fort Oglethorpe, Ga.; circular 12, opening October 15.

Soda Ash:—11,700 pounds; Contracting Officer, Material Division, Air Corps, Wright Field, Dayton, O.; circular 201, opening October 7.
21,600 pounds; Quartermaster, Marine Corps, Washington; schedule 216, opening October 9.

Soda Metasilicate:—22,200 pounds; Contracting Officer, Material Division, Air Corps, Wright Field, Dayton, O.; circular 201, opening October 7.

Soda Phosphate:—19,200 pounds; Contracting Officer, Material Division, Air Corps, Wright Field, Dayton, O.; circular 201, opening October 7.

Spices:—Supplies of; Quartermaster, Fort Oglethorpe, Ga.; circular 12, opening October 15.

Tallow:—30,000 pounds for eastern and western yards; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 8894, opening October 13.

Tooth Paste:—Supplies of; Quartermaster, Fort Oglethorpe, Ga.; circular 12, opening October 15.

Trisoda Phosphate:—17,400 pounds; Contracting Officer, Material Division, Air Corps, Wright Field, Dayton, O.; circular 201, opening October 7.

Zinc Dust:—4,900 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; circular 34, opening October 8.

Contracts Awarded

Acetic Acid:—99,000 pounds; award to the Niacet Chemicals Corporation, at 6.53 cents a pound, by the Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 113, opened July 30.

Acetone:—550 gallons; award to the Commercial Solvents Corporation, at 56 cents a gallon, by the Picatinny Arsenal, New Jersey; procurement 450, opened July 9.

Acetone:—1,170 gallons; award to the Conray Products Company at 51.7 cents a pound, by the Commanding Officer, Picatinny Arsenal, N. J.; procurement 58, opened August 20.

Acid, Mixed:—90,000 pounds; award to the Hercules Powder Company, at 2.6 cents a pound, by the Picatinny Arsenal, New Jersey; procurement 20, opened July 31.

Aniline:—33,500 pounds; award to the Calco Chemical Company, at 15.75 cents a pound, by the Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 113, opened July 30.

Arsenic:—100,000 pounds; award to the American Smelting & Refining Co., at $2,625, by the U. S. Engineer, New Orleans, La.; circular 44, opened September 1.

Barium Nitrate:—22,797 pounds; award to the Robinson-Wagner Company, at 6.75 cents a pound, by the Picatinny Arsenal, New Jersey; procurement 17, opened July 29.

Caustic Soda:—9,000 pounds; award to the Interboro Chemical Company, at 2.927 cents a pound, by the Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 113, opened July 30.

Caustic Soda:—20,000 pounds; award to J. Watts Kearney & Sons, at $862.50 by the U. S. Engineer, New Orleans, La.; circular 44, opened September 1.

Chlorinated Paraffin:—5,500 gallons; award to the Hooker Electro-Chemical Company, at 98 cents a gallon by the Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 112, opened July 27.

Cottonseed Meal:—Supply of; award to M. L. Michael Co., $840, by the Department of Agriculture, Washington; procurement 6681, opened July 21.

Diphenlyamine:—2,400 pounds; award to E. I. duPont deNemours & Co., at 31 cents a pound, by the Commanding Officer, Picatinny Arsenal, N. J.; procurement 9, opened July 22.

Emulsion:—700 gallons; award to the Crystal Soap & Chemical Co., at 74 cents a gallon, by the Interior Department, Washington; procurement 482-S, opened August 4.

Fertilizer:—Supply of; award to Charles W. Preddy & Co., $2,437.50, by the Division of Purchase, Sales and Traffic, Department of Agriculture, Washington; procurement 6565, opened July 10.

Fertilizer:—Supply of; award to the Summers Fertilizer Company, $1,214, by the Department of Agriculture, Washington; Procurement 6592, opened July 24.

Floor Polish:—24,200 gallons for Perry Point and Chicago; award to R. M. Hollingshead Company, at 35.75 cents and 34.31 cents a gallon; by the Procurement Division, Veterans Administration, Washington; procurement 36-S, opened August 6.

Gasoline:—24,000 gallons; award to the Standard Oil Company of Louisiana, at 7.54 cents a gallon, by the U. S. Engineers, Memphis, Tenn.; circular 56, opened August 28.

Liquid Chlorine:—80,000 pounds; award to the American Cyanamid & Chemical Corporation, at 2.449 cents a pound, by the Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 101, opened July 9.
120,000 pounds; award to the American Cyanamid & Chemical Corporation, at 2.449 cents a pound, by the Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 106, opened July 15.
108,000 pounds; award to B. P. Ducas Company, at 2.59 cents a pound, by the Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 113, opened July 30.

Muriatic Acid:—61,000 pounds; award to the General Chemical Company, at 1.9 cents a pound, by the Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 113, opened July 30.

Paint:—Quantity of; award to the A. C. Horn Company, $421.43, by the Procurement Division, Bureau of Supply, Treasury Department, Washington; procurement RA-286, opened August 17.

Paint:—Supply of; award to General Paint Corporation, $567, by the Bureau of Reclamation, Denver, Col.; procurement B-23044-A, opened August 31.
Supply of; award to Farwell, Ozmun, Kirk & Co., $331.26, by U. S. Engineer, Fort Peck, Mont.; circular 70, opened August 18.

Paint, Olive Drab:—250 gallons; award to Valentine & Co., at $1.67 a gallon, by the Rock Island Arsenal, Ill.; procurement 62, opened September 4.

Phenothiazine:—Supply of; award to the American Cyanamid & Chemical Corporation, at $225, by the Division of Purchase, Sales and Traffic, Department of Agriculture, Washington; procurement 6507, opened June 18.

Soap, Grit:—30,000 cakes; award to the Hunnewell Soap Company, at 1.75 cents a cake, by the Quartermaster Depot, Chicago; procurement 26, opened August 17.

Soap, Laundry:—500,000 pounds; award to the Samuel M. Sher Company, at 3.5 cents a pound, by the Quartermaster Depot, Chicago; procurement 26, opened August 17.

Soda Ash:—23,000 pounds; award to the H. H. Rosenthal Company, at 1.491 cents a pound, by the Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 113, opened July 30.

Soda Acetate:—117,000 pounds; award to E. I. duPont deNemours & Co., at 7.25 cents a pound, by the Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 113, opened July 30.

Terpin Hydrate:—7,000 bottles; award to the Shores Company, at 7.5 cents, by the Purchasing and Contracting Officer, Medical Section, Army Base, Brooklyn, N. Y.; procurement 3, opened July 31.

White Lead:—Quantity of; award to the Eagle-Picher Lead Company $636.12, by the Procurement Division, Bureau of Supply, Treasury Department, Washington; procurement RA-215, opened August 10.

Zinc Dust:—10,400 pounds; award to the Conray Products Company, at 7.04 cents a pound, by the Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 113, opened July 30.

Dr. Bruno Lange to Lecture Here

Dr. Bruno Lange, eminent physicist and member of the Kaiser Wilhelm Institut in Berlin, who succeeded in 1926 in transforming energy from the sun directly into electricity, has arrived in New York for an extended lecture tour. He will appear before the American Chemical Society's branches in various cities, the Philosophical Society of Washington, and several universities. He will make his headquarters with Pfaltz & Bauer, his American representative, in the Empire State Building.

Dyestuffs and Textile And Leather Chemicals

Quebracho Fractionally Higher—Sumac Lower—Common Gambier Scarce — Myrobalans Reduced — Egg Products Continue Active—Antimony Salt Dull—Zinc Dust Unchanged

Business in dyestuffs and tanstuffs was transacted on a moderate scale throughout the week. Manufacturing consumers showed little inclination to relinquish the hand-to-mouth policy. Some replacement buying was noted with the start of the final quarter. Changes in the market included a rise in prices for quebracho and a lowering of the schedule for myrobalans, sumac, valonia beards and cups.

A scarcity prevailed in the market for common gambier. As a result of the scarcity, sellers reported common gambier prices were strictly nominal. At the same time, a limited supply was also said to be noted in plantation gambier. The market for valonia was rather confusing as far as prices were concerned, in that a wide range was noted. A lowering of prices was reported for myrobalans. Mangrove bark and wattle bark remained unchanged. Sumac was lower, sellers reporting consumers were ordering out as supplies were needed. Egg products were active, prices being unchanged. Bichromates continued firm, prices having been extended to cover requirements for the final quarter. Corn derivatives were firm. Business in alumina chroride was fair. Zinc dust was steady. Antimony salt was quiet.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Quebracho, ¼c. per lb.

Reduced

Myrobalans, $1 per ton.
Sumac, $3 per ton.

Comparative Values

Index number compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
152.6	152.5	152.4	151.4

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Chloride.—The pharmaceutical trade and the dye industry supplied a fair demand. Prices continued at the previous levels.

Antimony Salt.—Another dull and featureless week was reported here, demand indicated consumers were covering for immediate production requirements only. Sellers reported the continuance of previous quotations.

Potash Bichromate.—Producers reported the presence of a firm price tone. Shipments against contracts were fairly good, consumers in a number of instances were replenishing depleted month-end stocks.

Potash Prussiate.—Quiet prevailed in this market. Prices for the red product were steady to firm. Nothing new developed in the market for the yellow, sellers continued to adhere to previously established prices.

Soda Bichromate.—Business was fairly good. Producers reported a representative amount of orders on the books for delivery through the fourth quarter. A firm tone governed the market.

Zinc Dust.—A steady tone prevailed in the market for zinc dust. The steady tone was attributed to the prevalence of a similar tone in the basic product.

Dyestuffs

Annatto.—The market for paste and seed annatto lacked snap, usual buyers being inclined to remain aloof from dealings unless requirements were imperative. Prices held unchanged.

Archil.—A firm tone was manifested in this direction, prices being unchanged. It was clearily evident consumers were covering for immediate wants only, but the limited supply tended to give the market a firm tone.

Cochineal.—This situation underwent little variation from recent weeks, demand continuing dull. However, sellers reported prices for Teneriffe silver and gray cochineal held at the level in effect in the preceding period.

Fustic.—The textile industry placed a fair demand for the various sorts of this material. Prices appeared firmly entrenched at the levels in effect for sometime.

Indigo.—The market for natural indigo was a drab affair, from a demand standpoint. Sellers were holding firmly to previous prices. The call for synthetic indigo was fairly active. No change was uncovered in quotations.

Logwood.—A steady to firm tone was prominent in this market. Demand reflected the caution which consumers exercising in an effort to hold purchases to immediate needs.

Madder, Dutch.—Demand was dull. Despite the slow call, sellers reported prices in a firm position. The firmness in quotations reflected the limited supply on hand.

Sizing Materials

Albumen.—The market for edible egg albumen was fairly active. Replenishment of depleted month-end stocks was a factor in promoting a good call. Prices held unchanged. Demand for blood albumen was spotty. Sellers reported no change in quotations.

Dextrin.—A firm tone was prominent in this market. Prices for corn derivatives continued unchanged, demand was irregular. There was little to report in the potato product, for prices were steady and demand irregular.

Egg Yolk.—A firm tone was displayed in this direction. Seasonal purchases gave the market a fairly active appearance. No change was uncovered in quotations.

Frozen Eggs.—The market on the New York Produce Exchange was dull. On Friday, October whole mixed futures closed at 17.95c. to 18.75c.; November, 18c. to 18.95c.; December, 18.10c. to

Sago Flour.—Demand was highly irregular. A steady to firm tone was in evidence and prices were unaltered.

Starch.—Business here lacked improvement. The market for corn derivatives mirrored the tendency to purchase for actual production wants only. Sellers were asking previous prices. Demand for other sorts of starch passed through a week marked by an irregular demand.

Tanning Materials

Divi-Divi.—Another quiet week prevailed here. Sellers were asking previous quotations.

Gambier.—Prices for common gambier were strictly nominal for a scarcity of supplies prevailed. A limited amount of plantation gambier was on hand. Sellers were quoting 9c. per pound. The market for Singapore cubes continued slow.

Mangrove Bark.—Business continued to be transacted on a conservative scale and sellers were naming prices of the preceding period.

Myrobalans.—The market for J1 material continued highly irregular. Sellers were quoting $22.75 per ton. Business in J2 was irregular and sellers were asking $14.75 per ton. The R2 product was listed at $14.25 per ton.

Quebracho.—Prices were raised ¼c. per pound here. Sellers asking 3⅞c. per pound for solid material; 4⅜c. per pound for clarified material.

Sumac.—The market for ground sumac continued dull and sellers were quoting ground at $55 per ton. The leaf product was priced at $58 per ton.

Valonia.—The market for the various sorts of this material continued irregular. There seemed to be a wide range of prices in the market, some sellers quoting beards down to $44 per ton and other quarters listed up to $55 per ton.

Wattle Bark.—Conditions were much the same as in the preceding week, demand was slow and prices remained unchanged.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Nuodex Offers 'Nusope 48-B'

Nuodex Products, Inc., Elizabeth, N. J., has developed a new product which the company claims has complete solubility in either water and/or mineral spirits. It is called "Nusope 48-B," and is described as a free flowing liquid even though it has a solids content of 85 percent. It is completely neutral and hydrolizes in water only to one-eighth the extent of soda stearate, and also appears to be an excellent frothing and emulsifying agent.

Int'l Match Dividend Ordered

The Irving Trust Company, as trustee in bankruptcy for the International Match Company, has been ordered to pay October 20, a 10 percent dividend, approximately $9,800,000, to creditors, nearly all of whom are bondholders, of the International Match Company. The order was signed by Referee Oscar W. Ehrhorn. Federal Judge Vincent L. Leibell fixed $90,000 as the fee for the services of the attorneys for the trustees for 1935. This was a reduction of $35,000 below the amount recommended by the referee and $110,000 under the amount asked by the attorneys, who have received a total of $375,000 since the company went into receivership in 1932. After payment of the dividend there will remain about $6,400,000 in cash; 900 shares of Swedish Match Company stock; $2,500,000 in Guatemala bonds and other assets.

Tanners Council Meets Oct. 14-15

The Tanners Council of America will hold a two-day convention October 14 and 15 in the Palmer House, Chicago. Percival E. Foerderer, chairman of the board, will speak on "Profitless Prosperity," and Merrill A. Watson, executive vice-president, will talk on "Obstacles to Profit in the Leather Industry." Other speakers will include Dr. Willard L. Thorp, of Dun & Bradstreet; Dr. John H. Frederick, Department of Commerce; A. W. Zelomek, International Statistical Bureau, and James L. Fri, Toy Manufacturers Association.

Du Pont's New Plastic May Be Worked as Wood

A new water-clear plastic, strong as glass, flexible and non-shattering, was described by H. R. Dittmar of E. I. duPont de Nemours & Co., in a paper before the American Chemical Society. This plastic, called "Pontalite" and known to chemists as methyl methacrylate polymer, is only half as heavy as common glass, is as clear as optical glass, and is so strong that it will resist a tension of 4 to 5½ tons a square inch. A factory for "Pontalite" is under construction at Belle, W. Va., and production is scheduled to begin early in 1937.

Though softer than glass, the plastic is hard enough to be widely useful. It is thermo-plastic and can be sawed, cut, drilled, and polished. A liquid intermediate variety can be poured into molds and hardened, and in this way castings are made readily. Unlike glass, "Pontalite" transmits a large proportion of the sun's ultra-violet light. It is, moreover, unaffected by sunlight, and in general is not attacked by other destructive elements.

The transparency, brilliance, strength, and performance of "Pontalite" are unusual, Dr. Dittmar explained, and the absence of color permits fabrication into delicate tinted shades. By combining dyes and pigments, varying degrees of color and transparency can be obtained. Dr. Dittmar said further that solutions of the plastic, also the liquid intermediate form have been used successfully as impregnants for wood, cloth, paper, stone, and electrical apparatus.

Calcium Carbide Freights Revised

The New York Public Service Commission has approved cancellation of commodity freight rates as follows:—

Erie railroad, calcium carbide, carloads, Niagara Falls to Utica on the New York, Ontario & Western; advanced to class rates.

Burkhart-Schier Chemical Company, manufacturer of sulphonated oils, softeners and specialties for the textile trade, and industrial chemicals, Chattanooga, reports the completion of a $50,000 manufacturing plant and warehouse.

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Informative Booklets

Ask the Oil, Paint and Drug Reporter, 12 Gold Street, New York, for any of the following booklets you may want; simply send the numbers on a postcard. Copies will be sent to you without charge.

Carbon Blacks:—"Uses and Properties of Carbon Gas Blacks," issued by the United Carbon Company, lists all the blacks offered by this company, including "Kosmos," "Dixie," "Triangle," and "Kosmobile," brands, together with their physical properties. The company's technical service staff is ready at all times to give careful attention to specific formulas and requirements. **(444)**

Equipment:—"Stokes Process Equipment, Catalog No. 37," is the latest catalog issued by the F. J. Stokes Machine Company, presenting a summary of the various machines and types of equipment that the company manufactures, with particular reference to the chemical, food, electrical, pharmaceutical, cosmetic and other fields. The company's staff of chemical and mechanical engineers is prepared to assist in the solution of special process equipment problems. **(445)**

Essential Oils:—"Reference and Price List for the Manufacturing and Wholesale Trades," is the September-October price list of the Dodge & Olcott Company. After giving a few market hints, it calls attention to the fact that "We are now entering the season demanding the use of eucalyptol, U.S.P., oil of eucalyptus, U.S.P., thymol, U.S.P., menthol, and artificial oil mustard." **(446)**

Essential Oils:—"Polak's Frutal Works," issued by the company of this name, is the latest price list of the great variety of products put out by this company. It covers a wide line of essential oils, terpeneless oils, aromatic chemicals, perfume bases, flavoring materials, ethers and others. **(447)**

Filler:—"The Vol-U-Meter Junior Automatic," distributed by the Vol-U-Meter Company, is a catalog sheet covering a new type of can filling machine which the company has recently introduced. The machine is designed primarily for the rapid filling of small containers, quarts and under. Two or more of these units can be furnished in the same frame enabling a single operator to more than double his output. **(448)**

Filler:—"Ayers Counting and Filling Machines," distributed by John W. Ayers & Son, describes the construction and operation of various machines manufactured by this company for counting and filling pills, tablets, globules, pearls, capsules, and any medicinal formation. **(449)**

Fish Oils:—"Practical Application of Fish Oil," by Louis J. Reizenstein, president of Falk & Co., and distributed by the company, is a pamphlet reprint from the April issue of the official digest of the Federation of Paint and Varnish Production Clubs, and contains the various general uses of fish oils in their regular paint, varnish and lacquer applications. **(450)**

Food Colors:—"Red Seal Certified Colors," published by the Warner-Jenkinson Manufacturing Company, is a thirty-page booklet giving in brief form a wide range of information on certified colors, including vegetable dyes, new dyes, secondary colors, how to use colors, preparation of liquid colors, amount of color to be used, strength of solutions, fading of colors, properties and applications of primary colors, cost of colors and a solubility table of certified colors. **(451)**

Insecticides: — "Improved Pyrocide 20," "Improved Odorless Pyrocide 20," and "Concentrated Dry Pyrocide," distributed by the McLaughlin Gormley King Company, and new booklets describing these improved products manufactured by the company, and their many uses. "Dry Pyrocide" is described as the first and only concentrated pyrethrum dust on the market. **(452)**

Labeling.—"Midget Labelrite," distributed by the New Jersey Machine Corporation, describes this pony labeling machine, which the company claims has been tested with every type of seal, or label, and operates ideally on curved, flat or round surfaces, in blind recesses, or on sloping shoulders. Perfect register is assured even on labels as small as three-quarters of an inch square, and each machine is rapidly adjustable for wide variation in sizes of labels or containers. **(453)**

Labels. — Richard M. Kraus, Inc., has issued a booklet of a dozen pages presenting two-score handsome labels as typical of those made by this company. They are in silver and gold, red, blue, black, green and other colors and many of them are of recognized national brands. **(454)**

Rayon Size.—"Raygomm, the Scientific Size for Rayon," issued by Stein, Hall & Co., describes the Raygomm group of rayon sizes as being sold in the form of a dry powder, in contrast to practically all other rayon sizes which are sold in the jelly or paste form. Raygomm is easily prepared for use, by mixing the powder with cold water. Heat is then applied and the mixture boiled for a few minutes, a softener being added later if necessary. **(455)**

Resins.—"Natural Resins," published by the American Cyanamid & Chemical Corporation, is a forty-page booklet presenting a comprehensive study of natural resins, giving their history, origin and world trade development. In the well-prepared pages are tables of the properties of the resins as well as tables of the solubility of the resins in a considerable number of commercial materials. **(456)**

Resins. — "Pure Phenolic Resins," issued by the Varcum Chemical Corporation, is a revised catalogue of the various phenolic resins produced by this company, with their characteristics, formulas, and suggested applications in enamel vehicles, paint vehicles, primer-surfacers, and varnishes. **(457)**

Resins:—"Catalin, the Gem of Modern Industry," is the title of a brilliantly colored booklet, issued by the American Catalin Corporation, describing and illustrating a great variety of articles made of "Catalin," such as desk sets, purses, chess-men, costume jewelry, lighting fixtures, and the like. Because it is easily workable, like wood, "Catalin" can be given a multitude of decorative forms. **(458)**

Resins:—"Pure Phenolic Resins," published by the Varcum Chemical Corporation, gives the specifications and formula data for the Varcum company's phenolic resins, and a list of suggested applications, including enamel vehicles, paint vehicles, primer-surfaces, and varnishes. **(459)**

Rosin Oils:—"Pine Tree Products," distributed by the National Rosin Oil & Size Company, gives a brief history of the development of the "Naval Stores" industry in this country and outlines a number of the more important oils for various uses. The company manufactures more than 250 varieties of rosin oil. **(460)**

J. Rabinowitz & Sons, manufacturer and jobber of glass bottles and containers, has leased 60,000 square feet of space in the railroad terminal building at Flatbush avenue and Pacific street, Brooklyn.

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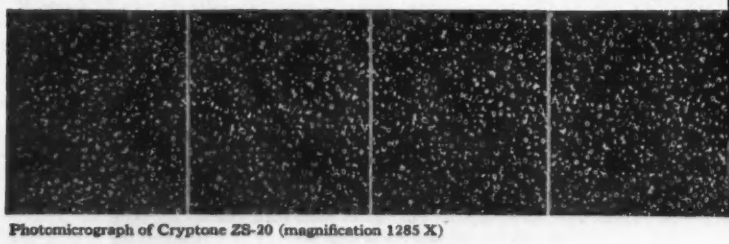

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Paint, Varnish, Lacquer Materials

Zinc Oxide and Chrome Yellow Advance—Stearate Contract Prices Hold — Natural Gums Steady — Moderate Changes in Rosin and Turpentine Prices

The scheduled advances in prices for domestic zinc oxide and c.p. chrome yellow took place on Thursday of last week. Contrary to expectations, however, contract prices for metallic stearates were unchanged and fourth quarter requirements were booked at the levels that had been in force during the preceding quarter. Zinc oxide purchases for delivery over the final three months of the year under an October 1 billing were very heavy and it was understood that several buyers covered for part of their early 1937 needs.

Other price movements during the past week included advances in Batu bold scraped copal gum and Pontianak chips and a higher nominal value for German barytes for shipment.

The revaluation of French and Netherlands currencies did not have an immediate affect upon local prices for commodities imported from those countries. Primary market costs for natural gums in the Netherlands East Indies were advanced to cover the extent of the expected change in guilder value. For a time, trading in these gums was suspended pending a study of the exchange situation but toward mid-week, the cable offerings were reported in a normal way. The combination of the franc's revaluation and the increase in domestic zinc oxide prices placed the importers of that commodity in a slightly better trading position than formerly here.

Rosin and turpentine prices were irregular in primary and local markets, changes from day to day being within moderate limits. There was a fairly active demand from domestic consumers, purchasing being of a conservative character. Export trade in rosin was quieter. Weather conditions were generally favorable and the movement from the interior to the seaboard continued unusually free for this period of the year.

Paint, varnish, lacquer and filler sales in August were valued at $34,731,853, against $35,392,470 in July, according to the Bureau of Census report from 580 establishments. Total sales for the first eight months of the year were $267,895,298. August sales reported by 344 establishments were $33,380,037, against $33,919,137 in July and $28,501,654 in August last year, and January-August sales reported by these establishments were $257,090,619 against $227,422,642 in a like period last year, and $195,032,353 in the same months of 1934, August plastic paint sales were 583,135 pounds valued at $50,267 against 575,438 valued at $49,389 in July; dry cold water paints sold in August were 1,997,123 pounds valued at $133,825 against 2,096,082 pounds and a value of $139,565 in July; and calcimine sales were 7,055,968 pounds valued at $297,878 against 6,063,165 pounds valued at $261,462 in July.

Building permits issued in August were eight percent lower than July, but were fifty-one percent higher than August last year, according to Secretary of Labor Perkins. New residential building was responsible for the decline. Total building construction costs for August (including alterations and repairs) were estimated at $145,459,639 against $158,170,206 in July. A geographical breakdown of the totals follows:—

	August.	July.
New England	$8,971,231	$14,245,854
Middle Atlantic	42,987,761	46,074,658
East North Central	28,101,265	31,638,583
West North Central	6,788,854	7,433,789
South Atlantic	16,739,160	19,274,329
East South Central	8,837,196	7,118,895
West South Central	7,401,088	9,945,213
Mountain	4,761,744	3,375,101
Pacific	20,871,340	19,063,784
Totals	$145,459,639	$158,170,206

Price Changes

Prices were changed during the past week as follows:—

Advanced

Barytes, German, shipt., $1 per ton.
Gum, copal, Batu, bold, scraped, ¾c. per lb.
Pontianak, chips, ⅝c. per lb.
Yellow, chrome, c.p., 1c. per lb.
Zinc oxide, dom., ¼c. to ⅝c. per lb.

Reduced

Casein, dom., ½c. per lb.
Rosin, gum, 2½c. to 25c. per 280 lbs.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
131.4	129.9	129.9	131.9

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

Lead sales were very heavy last week. Buyers returned to the market in full force and the latter half of the week was a very active period for lead sellers. Much of the business placed was for October position but there was also an active interest in November. Prices continued very firm but the sellers did not seem inclined to move higher than the long standing basis of 4.45c. per pound at East St. Louis and 4.60c. to 4.65c. per pound at New York. Although some sellers considered inventories too high for an advance in prices, most observers felt that the demands of recent weeks would warrant the support of a higher market.

Zinc continued under mild activity during the past week. Principal interest was focused upon the fluctuating position at London. Prices here continued steady at 4.85c. per pound, East St. Louis. World production in August was 136,314 tons against 138,553 tons in July and 121,837 tons in August last year, according to the American Bureau of Metal Statistics. United States production was 43,614 tons in August against 45,533 tons in July.

Lead.—Prevailing spot prices at New York, East St. Louis, and London for the period from September 26 to October 2, inclusive, were as follows:—

	Pigs		Spot. London.
	Per pound		Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0460@.0465	$0.0445	.. .. ..
Monday	.0460@.0465	.0445	18 1 3
Tuesday	.0460@.0465	.0445	18 0 0
Wednesday	.0460@.0465	.0445	18 0 0
Thursday	.0460@.0465	.0445	18 8 9
Friday	.0460@.0465	.0445	18 10 0

Zinc.—Prevailing spot prices at New York, East St. Louis, and London for the period from September 26 to October 2, inclusive, were as follows:—

	Slabs		Spot. London.
	Per pound		Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.05275	$0.0485	.. .. ..
Monday	.05275	.0485	14 0 0
Tuesday	.05275	.0485	13 17 6
Wednesday	.05275	.0485	13 13 9
Thursday	.05275	.0485	14 2 6
Friday	.05275	.0485	14 1 3

Pigments

The advance in the schedule of zinc oxide prices went into effect after the close of business Wednesday. Current bookings are billed at an advance of ¼c. per pound, except the 50 percent leaded grade which was raised ⅜c. per pound. Bookings were heavy throughout the week and some buyers were understood to have booked into 1937 requirements for delivery over the final quarter of 1936. Orders accepted at that basis were billed as of October 1. Titanium products have been moving into comsumption at a good rate and the demand for lithopone has been heavy also. Lead products were in good demand throughout September.

White Lead.—The call for replacement supplies of dry material continued good. The month just ended was an active period and sellers expect sustained buying until the cold weather arrives. Prices continued steady and reflect the position of the metallic lead.

Red Lead.—Battery makers and other buyers continued to purchase in fairly good volume. There has been a good

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

SUPERLITH XXX
THE SUPERIOR ZINC SULPHIDE
C. J. OSBORN CO., 132 Nassau Street, NEW YORK
Established 1889

RED OXIDE
INDIAN - TURKEY - VENETIAN
OCHRE - SIENNA - UMBERS
JOSEPH A. McNULTY
114 Liberty Street New York City

Lacquer and Varnish Gums
Thurston & Braidich, Importers, 286 Spring Street, New York

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ESTER GUMS • GUM RUNNING VARNISHES
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PAINT and VARNISH OILS
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White & Co., Akron, Cleveland, O.
Marshall Dill, Los Angeles
Thompson Hayward Chemical Co. Dallas, Kansas City, Mo.
Geo. E. Moser & Son, Inc. Detroit, Mich.
L. H. Butcher Co. Portland, Seattle
CHINAWOOD OIL
PERILLA OIL
LINSEED OIL
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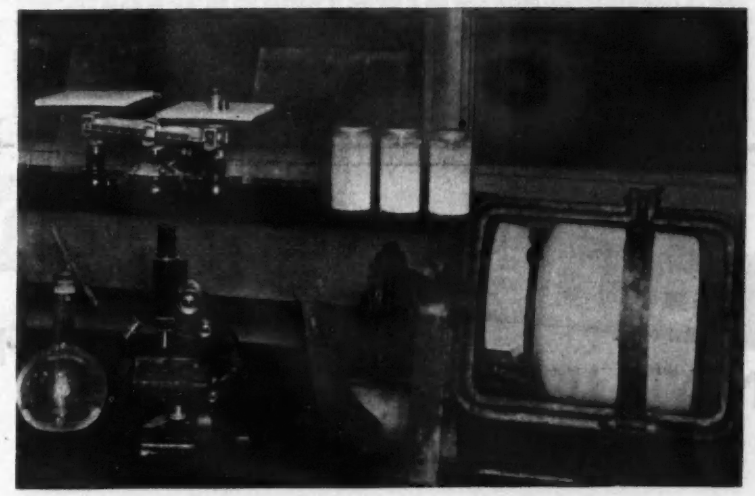
PACIFIC VEGETABLE OIL CORPORATION
Importers, Refiners, Manufacturers 62 TOWNSEND STREET, SAN FRANCISCO, CALIF. *4½ million gal. U.S. Gov't Bonded Tank Storage*



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PALMITATES
STEARATES
of ALUMINUM, CALCIUM, LEAD, ZINC
HARRISON, N. J. BOSTON SAN FRANCISCO CHICAGO

movement out of sellers' hands throughout the early Autumn. Prices for this and other lead products continued steady and unchanged.

Litharge.—In company with other lead derivatives, the price has not been altered but showed a strong tendency on a similar disposition in the basic metal. Demands have been routine.

Lithopone.—The movement into consumption continued active through the closing days of September, according to the suppliers in the East. Indirect reports from Chicago indicated a similar position in the Middle West. Prices held steady at the established schedule.

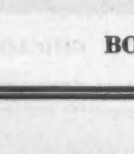
Titanium Pigments.—Purchasing of titanium oxide and the compounds have been well proportioned since mid-Summer. Last week's demands were broad and the sellers expected a continuance of good buying through the remainder of the Fall season. There has been no shift in the structure of prices.

Zinc Oxide.—The ¼c. to ⅜c. per pound advance took effect after the close of business Wednesday. The new schedule of prices per pound for American process oxide was enforced as follows:—Lead free, 20-ton lots, 5¼c., small lots, 5½c.; 5 percent leaded, 20-ton lots, 5⅛c., smaller lots, 5⅜c.; 35 percent leaded, 20-ton lots, 5⅛c., smaller lots, 5⅜c.; 50 percent leaded, 20-ton lots, 5¼c., smaller lots, 5½c. per pound. Barrel packing is chargeable at ¼c. per pound additional and 20-ton lot orders of 35 percent and 50 percent leaded may be combined. The schedule for French process oxides, per pound, in bags, follows:—Lead-free, 20-ton lots, 5¼c., smaller lots, 5½c.; green seal, 20-ton lots, 6¼c., smaller lots, 6½c.; red seal, 20-ton lots, 5¾c., smaller lots, 6c., and white seal, 20-ton lots, 6¾c., smaller lots, 7c. per pound. Barrel prices are ¼c. additional. The aforementioned prices for American and French process oxides are subject to usual differentials for Pacific coast delivery. Revaluation of French currency has not had immediate effect on the imported article here but the combination of a higher domestic market and a cheaper franc may provide a wider sales sphere for foreign oxides here.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

PLYMOUTH STEARATES
ALUMINUM - ZINC - CALCIUM
Established Qualities Manufactured for twenty years by
M. W. PARSONS, Imports & PLYMOUTH ORGANIC LABORATORIES, Inc.
55 ANN STREET, NEW YORK CITY

Headquarters for ROSIN OIL
WRITE FOR OUR "PINE TREE PRODUCTS" BOOKLET
NATIONAL ROSIN OIL AND SIZE COMPANY
R. K. O. Building, Rockefeller Center, New York, N. Y.
Offices: 3001 West 47th Street, Chicago, Ill. Factory: Savannah, Ga.



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Cawood COLOR OXIDES
"The Best by Test"
THE RICHARD L. CAWOOD COMPANY
EAST LIVERPOOL, OHIO, U. S. A.

Fillers and Extenders

Mineral whites, fillers, extenders and materials included in this division of the market have shared in the general improvement of Fall business. Barytes has been moving into consumption at a fairly good rate. There has been very little of the German material coming into the market at this time and nominal prices on material for shipment were higher than when last reported. Bentonite held an unchanged position.

Barytes.—Domestic material has been selling in good fashion since the close of the Summer period. Prices held steady and unchanged. The German article was nominally higher in price for shipment with $25 to $26 per ton quoted for car lots, basis ex dock to arrive, or $1 to $2 per ton higher than previously. Smaller lots were named at $30 per ton. There has been very little German material coming into this market of late. Italian material held at unchanged figures.

Bentonite.—Prices for No. 1 and No. 2 types held unchanged with $16 per ton named at producing points for the former and $11 per ton for No. 2 type.

Pumice.—Italian ground and American ground material held a steady position at the prices that have been long standing. The demands of the market were reported as having been fair.

Rottenstone.—Makers of recording discs have been buying in a moderate way and trade with other consumers has been routine. Prices were without change.

Dry Colors

The increase in the price of c.p. chrome yellow took place on the first of the month and prices have held firm at the new basis. As reported previously, chrome green oxide advanced a week ago. Other chemical colors were free from price shift. Earth colors were also without change during the past week. Spanish oxides continue in a nominal position and those unable to supply regular customers have been offering replacements of a similar type oxide.

Carbon Black.—An omnibus tax measure introduced in the Texas Legislature last week provided for an increase in the tax on natural gas production from 2 percent to 2¾ percent of the market value of the gas. As reported previously, some of the large tire factors were prepared to stock up on blacks toward the end of this year, in anticipation of any possible increase in taxes affecting the cost of producing black.

Chrome Oxide.—As reported a week ago, the price for this green has been advanced 1½c. per pound, terminating a long period of close competitive selling. The car lot price was raised to 18½c. per found, f.o.b. usual points.

Chrome Yellow.—Prices were advanced 1c. per pound on October 1, establishing the market at 12c. per pound, f.o.b. usual points. Competitive selling kept the prices of this commodity at an abnormally low point since last year and even at its present basis the market is lower than at this time a year ago.

Mercury Oxides.—The market for red and yellow oxides has not been altered since the quotations were established at $1.39 per pound.

Spanish Red Oxides.—Prices continued nominal and sellers with stocks on hand held supplies for their regular customers. Open market buyers were not accommodated.

Varnish Gums

The revaluation of the Dutch guilder did not have immediate affect upon the cost of East Indies gums to the buyers here. At the opening of the week's trading, replacement market prices were withdrawn pending study of the change on the international currency market, but in mid-week offerings were resumed and the primary market suppliers advanced their initial cost prices to cover the expected change in the guilder. Hence, for the time being, there have been no changes in gum prices in terms of United States dollars. The only changes reported last week were in prices for Batu scraped bold gum and Pontianak chips. Both of these gradings were advanced.

Copal.—Pontianak chips advanced ⅜c. per pound last week to the basis of 7¾c. per pound for car lot quantities. The price of Batu bold scraped gum rose ¾c. per pound to 6½c. per pound for car lots. Usual differentials for smaller quantities prevailed. The revaluation of the guilder did not have immediate effect upon the dollar cost of gums here as primary market prices advanced to cover the change in the guilder in the international currency market.

Dammar.—Singapore and Batavia gums held without price shift here and primary market costs were adjusted to cover the revaluation of the Netherlands guilder so that prices paid in dollars here are essentially the same as those of a week ago.

Synthetic Resins

Every report from manufacturers of synthetic resins indicated an active rate of sale. The manufacturers seemed optimistic over prospects for the final quarter of the year and some looked for a steady increase of volume, regardless of the possibility of change in political control. One seller reported developing interest from the producers of concrete enamels, maintenance paints, corrosion resistant coatings for metal and moisture-proof lacquer coatings for paper.

Naval Stores

Conservative transactions were still the general rule in the local market for naval stores last week, but an increase was noted in the volume of inquiries and orders received for small or moderate quantities. In some cases imme-

mineral pigments
NATURAL AND SYNTHETIC
PURE CHROMIUM OXIDES
are
STRONG - INERT - PERMANENT
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ISCO CARRARA GROUND SILICA
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(1) Amorphous structure.
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diate or early shipments were requested. In the South domestic business was on a fair scale, though many consumers still seemed disinclined to purchase to any material extent in advance of current needs. Occasional inquiries for turpentine were received from the United Kingdom and the Continent, and although the quantities involved were unimportant, the transactions were sufficient to arouse some comment, as export business had been practically at a standstill for many weeks past.

In addition to the daily sales in the open market at Savannah, some tank-car business was reported to have been closed with domestic consumers at interior points. The expected statement from an official source as to the extent of the government holdings of turpentine and rosin under loans to producers was not forthcoming, and there were no further intimations as to when this information was likely to be received. A quantity of government-owned turpentine was recently sold at Pensacola, but this was done, it was pointed out, for the purpose of replacing old turpentine with new product in order to keep the contents of the tanks in good condition. Weather conditions over much of the South were favorable for operations in the woods. At some points precipitation was reported, but as a rule the rainfall was not sufficiently heavy to interfere with production and marketing, and the movement from the woods to the seaboard continued unusually liberal for this period of the year. Stocks in primary centers showed an increase at one time, but they decreased later. The aggregate holdings in the three chief markets are smaller than at this time in any recent preceding season, especially in the case of rosin.

Turpentine.—Consumers were still disposed to adhere to a very conservative course, as a rule, in making purchases last week, so far as the local market was concerned, but an increase was noted in the call for small or moderate quantities to fill current or nearby requirements. Prices had a downward trend at times in company with the course of primary markets. There were reports of some export purchases in the South, though the quantities involved were apparently not of much importance. Rains were reported at some points, but, as a rule, conditions were favorable for operations in the woods, and receipts in primary markets continued free.

SAVANNAH, Oct. 2.—The turpentine market had a firm undertone. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
Saturday ..	37	69	538	62	37,703
Monday ...	36	...	374	325	37,752
Tuesday ...	35½	...	662	352	38,062
Wednesday..	36¼	63	575	2,255	36,382
Thursday ..	36½	182	319	141	36,560
Friday	36¼	96	276	5	36,831

JACKSONVILLE, Oct. 1.—Turpentine prices were irregular within moderate limits. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
Friday	36½	100	281	640	45,384
Saturday ..	35¾	100	267	...	45,651
Monday ...	35¾	...	445	10	46,086
Tuesday ...	35¾	259	398	14	46,470
Wednesday..	35½	100	266	14	46,722
Thursday ..	36½	100	161	1	46,917

PENSACOLA, Sept. 26.—The turpentine market was quiet and steady. Following is a record of the market for the week:—

	Barrels Re-ceipts.	Ship-ments.	Stocks.
Monday	153	...	31,195
Tuesday	153	283	31,065
Wednesday	56	163	30,958
Thursday	126	162	30,922
Friday	123	121	30,924
Saturday	137	...	31,061

CHICAGO, Oct. 2.—While no change has been made in the turpentine market price structure, this does not indicate a nominal market. Indeed, business is represented by sellers as being quite brisk, in both wholesale and retail divisions. Inquiries have been reaching sellers in comparatively good volume. Actual sales and rate of movement out into trade channels are along healthy lines. Ruling prices at the close of business last night were:—Five-drum lots, 47c. per gallon; five wood barrels, 52c.; single drums, 50c.; single barrels, 55c.

LONDON, Oct. 2.—Quotations on turpentine were as follows:—

	Per cwt. In bbls. s.	d.
Saturday	38	9
Monday	39	9
Tuesday	39	0
Wednesday	39	0
Thursday	39	0
Friday	39	0

Stocks of American turpentine in London were:—

	Oct. 2.	Previous week.	Last year.
Barrels	17,858	18,951	7,028

Rosin.—There was more or less irregularity in local quotations last week in company with the course of primary markets. Changes in prices in most instances were unimportant, however, and the undertone here and in the South was still generally regarded as firm. Business here continued along conservative lines, but the call for small or moderate quantities showed some increase. Sales to domestic interests in the South were also on a fair scale. Export inquiries were not lacking, but sales for the week were smaller than in recent preceding weeks. Receipts in primary markets continued free, as weather conditions were generally favorable for operations in the woods.

SAVANNAH, Oct. 2.—The rosin market was fairly active. Changes in quotations were moderate. Following is a record of the market for the week:—

	Price per unit—Low of range quoted— Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$6.07½	$6.02½	$5.92½	$5.97½	$6.02½	$6.05
D	6.07½	6.02½	5.92½	5.97½	6.02½	6.05
E	6.07½	6.02½	5.92½	5.97½	6.02½	6.05
F	6.07½	6.02½	5.92½	5.97½	6.02½	6.05
G	6.07½	6.02½	5.97½	5.97½	6.02½	6.05
H	6.07½	6.02½	5.97½	5.97½	6.02½	6.05
I	6.07½	6.02½	5.97½	5.97½	6.02½	6.05
K	6.07½	6.02½	5.97½	6.00	6.05	6.05
M	6.07½	6.02½	6.00	6.00	6.05	6.05
N	6.07½	6.02½	6.00	6.00	6.05	6.05
WG	6.20	6.10	6.10	6.10	6.10	6.10
WW	7.10	7.10	6.90	6.90	6.90	6.90
X	7.10	7.10	6.90	6.90	6.90	6.90

	Barrels Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
Sales	1,025	955	584	405	288	186
Receipts...	1,793	1,301	2,818	1,612	1,740	1,391
Shipments.	800	1,099	953	7,460	625	...
Stocks ..	94,824	95,026	96,981	91,048	92,158	93,949

JACKSONVILLE, Oct. 1.—Rosin was rather quiet but the market had a firm undertone. Following is a record of the market for the week:—

	Price per unit—Low of range quoted— Fri.	Sat.	Mon.	Tues.	Wed.	Thur.
B	$6.05	$6.02½	$5.95	$5.95	$5.95	$5.95
D	6.05	6.02½	5.95	5.95	5.95	5.95
E	6.05	6.02½	5.95	5.95	5.95	5.95
F	6.05	6.02½	5.95	5.95	5.95	5.95
G	6.05	6.02½	5.95	5.95	5.95	6.00
H	6.05	6.02½	5.95	5.95	5.95	6.00
I	6.05	6.02½	5.95	5.95	5.95	6.00
K	6.05	6.02½	5.95	5.95	5.95	6.00
M	6.05	6.02½	5.97½	5.97½	5.97½	6.00
N	6.05	6.05	6.00	6.00	6.00	6.02½
WG	6.10	6.10	6.10	6.10	6.00	6.10
WW	6.95	6.90	6.90	6.90	6.85	6.90
X	6.95	6.95	6.90	6.90	6.85	6.90

	Barrels Sat.	Mon.	Tues.	Wed.	Thur.	Fri.
Sales	302	493	677	576	254	222
Receipts...	3,414	1,667	1,956	1,746	1,483	1,263
Shipments.	2,181	100	4	670	150	...
Stocks ..	66,832	68,399	70,351	71,427	72,760	74,023

PENSACOLA, Sept. 26.—The rosin market was steady. Receipts were moderate. Following is a record of the market for the week:—

	Barrels Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts..	779	548	377	272	355	356
Shipments	1,395	1,778	...	...	380	1,050
Stocks ..	32,095	30,865	31,242	31,514	31,489	30,795

CHICAGO, Oct. 2.—Rosin orders have been placed on a continuing active basis, with considerable business involved in the aggregate. General tone of this market is firm and healthy. The actual ruling scale of prices shows some slight recession from the best levels of the recent past, but volume of business has not receded to any appreciable extent. Ruling prices at the close of business last night were:—B grade, $8.42½ per lot of 280 pounds; G grade, $8.47½; M grade, $8.50; W. W. grade, $9.40.

LONDON, Oct. 2.—Quotations on American rosin were as follows:—

	Per cwt. in barrels— Common. s.	d.	W.W. s.	d.
Saturday	15	4½	17	4½
Monday	15	4½	17	4½
Tuesday	16	0	18	0
Wednesday	16	0	18	0
Thursday	16	0	18	0
Friday	16	0	18	0

Pine Oil.—Consumption appeared to be holding up rather well, but new business lacked snap, buyers being inclined to adhere to a conservative course, as usual at this period of the year. The market retained a steady tone.

Pitch.—Quotations were generally stationary and the tone of the market appeared to be firm. No broadening of business was noted but the requirements of consumers for some time past have been sufficient to prevent any accumation of supplies.

Rosin Oil.—In the absence of any material change in the position of basic materials in primary centers, local quotations on rosin oil were generally held at the levels noted in the previous week, and the tone of the market seemed to be firm. Business was fairly active.

Tar.—A firm tone continued to prevail, but aside from this the situation lacked features of interest. There was a steady movement into local and outside consuming channels on contracts and transient orders.

Shellac

Business was moderately active in the market for shellac last week. A gain in the shipments into consumption developed with the arrival of Fall and in view of quiet trading during the Summer months, the trade expects a fair amount of business to be placed between now and the end of the year. Foreign market prices in terms of for-

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

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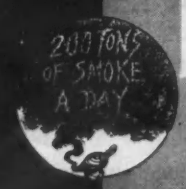

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eign money had been lower of late, but the declines more often than not had been offset by the cost of foreign exchange. The general opinion on spot was that values in the Far East were probably at bottom and that the next development in values should be moderate advances. In the meantime, the pickup in business on this market prevailed under highly competitive conditions that have kept prices low.

London, Oct. 2.—London quotations basis of sterling exchange at $4.88, for shellac for later delivery have been as follows (the quotations in United States currency represent prices here and include other handling charges):—

	October 2		September 25	
	Shillings. Cwt.	Cents. lb.	Shillings. Cwt.	Cents. lb.
October	47	10.4	47	10.4
December	48	10.5	48	10.5

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day closing prices were as follows:—

	Per hundredweight	
	October.	December.
September 25	47s ..	48s ..
September 26	47s ..	48s ..
September 28	47s 6d	48s 6d
September 29	47s 6d	48s 6d
September 30	47s 6d	48s 6d
October 1	47s ..	48s ..
October 2	47s ..	48s ..

Calcutta, Oct. 2.—Prices quoted on U.S.S.A. T.N. c.&f. New York, basis of sterling exchange at $4.88, were as follows:—

	Per pound	
	Oct. 2.	Sept. 25.
October	10½c.	10¾c.

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day prices and reports on market conditions:—

	Per pound.	Market
September 25	10¾c	Lower
September 26	10¾c	Steady
September 28	10⅝c	Steady
September 29	10⅝c	Steady
September 30	10⅝c	Steady
October 1	10½c	Lower
October 2	10½c	Steady

Lacquer Materials

Business in lacquer materials continued at a slow pace during the week. Sellers reported prices were steady to firm. A fair amount of business has been booked for fourth quarter of both ethyl acetate and isopropyl acetate, prices for which show a fractional advance over quotations prevailing in the third quarter. Acetone was firm. A good inquiry was noted for butyl alcohol. Word from the automobile industry indicated that improvement was taking place in production, the output of new models for the initial public showing in November was the factor responsible for improved production schedules. Business in tricresyl phosphate was good. Prices ruled firm, reflecting the firm character of prices for the basic material.

Acetone.—Demand was fair. Bookings for the final quarter were considered fairly good. Prices were unchanged.

Butyl Acetate.—Business continued at a fairly good clip. No change was noted in prices.

Butyl Alcohol.—Final quarter replacements were noted late in the week. Prices appeared firm. A favorable amount of business was reported on the books for delivery during the rest of the month.

Ethyl Acetate.—Sellers were booking business for the fourth quarter at a fraction higher level than prevailed in the third quarter. A steady to firm tone was noted.

Isopropyl Acetate.—Fourth quarter books were fairly good. The price schedule for the fourth quarter shows a slight advance over prices in effect for the quarter just completed.

Tricresyl Phosphate.—A firm tone prevailed here. Firmness in prices could be explained by the shortage prevailing in the basic product.

Driers

Contrary to general expectations, contract prices for aluminum, calcium, magnesium and zinc stearates for the fourth quarter of the year were renewed without change. Open market prices also stand without change now, but producers indicated that prices for the spot position had not been determined definitely and that a reflection of higher raw material costs might be witnessed in the spot market within a short time. Prior to the issuance of contracts at unchanged prices, stearic acid prices advanced 1c. per pound and some of the producers of the derivatives were strongly in favor of a higher market for their products.

Glues and Binders

Casein.—Although some sellers continued to quote 17½c. per pound for 20-30 mesh in car lots and 18c. for fines in similar quantity, there were offerings at 17c. per pound for the standard ground and 17½c. for fine ground. Observers of the market are divided in their opinion as to how much material will be imported from the Argentine next month. Some believe that the tonnage will be very heavy but others think the South American contribution to the tight supply situation here will be light. November is the heavy production month in the Argentine. French sellers have been more or less out of the market.

Glues.—Bone and hide materials remained firm as the year entered its final quarter. Some sellers look for a general increase in prices before the end of this month. Buyers' activities continue heavy.

Pittsburgh P. V. L. A. Elects Officers, Chicago Delegates

The Pittsburgh Paint, Varnish and Lacquer Association, at its annual meeting, elected the following officers:—President, James K. White, of W. W. Lawrence & Co., suceeding J. V. Thompson, of Thompson & Co.; vice-president, J. W. Johnston, of the Pittsburgh Paint Supply Company; treasurer, H. R. Urbach, of the O. Hommel Company; secretary, George F. Smith. Executive committee members: C. J. Caspar, Adam E. Daum, and J. D. Watson.

Delegates and alternates to attend the annual convention of the National Paint, Varnish and Lacquer Association, in Chicago, were elected as follows:—Delegates, J. V. Thompson, George A. Martin, jr., and R. E. Rogers; alternates, Homer D. Butts, H. A. Tallon, and L. J. Reizenstein.

Paint Freight Rates Lowered

The Interstate Commerce Commission has authorized establishment of lower rates on paint materials, carloads, from Collinsville, Ill., to Baton Rouge and New Orleans, La., and points in that group, and maintenance of higher rates to intermediate points. Relief is granted to enable applicant carriers to meet the competition of barge lines on the Mississippi River. The paint materials affected by the order include lithopone, litharge, red lead, sublimed white lead, titanium pigment, white lead and zinc, and zinc oxide, in packages provided for carload shipments in Southern classification territory.

Cincinnati P. V. L. A. Re-elects Foy President

The Cincinnati Paint, Varnish and Lacquer Association, at its annual meeting, elected the following officers:—President, E. A. Foy, jr., president of the Foy Paint Company, for his third consecutive term; vice-president, E. J. Bradley; secretary, Milton Nelson; treasurer, Harry Inderhess. The executive committee was re-elected, consisting of: W. H. Crawford, John B. Hardig, James Owens, and A. F. Winstel.

The association, aided by business and civic organizations, will make a strong effort to have the 1937 convention of the national organization held in Cincinnati. President Foy was authorized to appoint delegates and alternates to the Chicago convention.

Phila. P.V.L.A. Committee Guests of Chairman Matlack

The executive committee of the Philadelphia Paint, Varnish and Lacquer Association held its September meeting at "The Shack" of S. R. Matlack, chairman of the committee, a well-appointed establishment in the woods near Medford, N. J., on the bank of Cotoxen creek. The committee members were the guests of Mr. Matlack. The formal meeting considered the proposal of changing the association fiscal year to conform with that of the national association, and while deciding that this was neither desirable nor advisable, it agreed that if anything requiring prompt attention develops at the annual meeting of the national organization, a special meeting would be called for the purpose. The Robinson-Patman bill and the labor situation were discussed. The afternoon was spent in the swimming pool or other diversions, and an open air dinner was prepared and served by the ladies of the Matlack family.

Those present were:—Mr. Matlack, H. S. Felton, vice-chairman; C. P. Jarden, T. A. Bruder, W. A. Gorrell, H. W. Hock, J. H. Stutt, T. A. Williamson, J. Sibley Felton, Abel P. Wetherill, D. G. Yarnall, H. E. Rhell, C. P. Morris, Walter G. Sibley, sr., and G. B. Heckel.

Louisville P. V. P. C. Planning Scientific School Paint Course

The Louisville Paint and Varnish Production Club held its first Fall meeting September 17, with thirty-three members and guests attending, and had submitted to it by Harry Schaefer, of the Schaefer Varnish Company, a plan of co-operating with the club to establish a paint course at the Speed Scientific School. The club favored the plan, and L. K. Scott, A. J. Lapointe, and Harry Schaefer were appointed a committee to meet with Dr. Ernst of the university to make a survey on the feasibility of the idea and amount of equipment required.

The guest speaker of the evennig was Dr. Otto Eisenschiml, of the Scientific Oil Compounding Company, Chicago, whose topic was "Recent Developments in Drying and Semi-Drying Oils," illustrated with numerous oil samples. The outstanding committee report was from the technical committee on its varnish work.

Frost Wins Kickers' Handicap

C. W. Frost, of the Prior Chemical Corporation, won first prize in the kickers' handicap at a golf tournament held by the "Save the Surface" golfers of the New York Paint, Varnish and Lacquer Association, September 25, at the Winged Food Club, Mamaroneck, N. Y. Second prize was taken by G. A. Wharry, of G. A. Wharry & Co., and third prize was divided between J. C. Hughes, of the Krebs Pigment & Color Corporation; J. Michaels, a guest, and Harold Wakefield, of the Imperial Paper & Color Corporation.

Tide Water Propane Plant

Tide Water Oil Company, this city, has awarded contracts for the construction of a propane-butane rectification plant adjacent to its Bayonne refinery. The plant will have a capacity of 45,000 gallons of propane and 7,500 gallons of butane daily. Installation of machinery will commence soon, and it is expected that the plant will be ready for operation in March or April, 1937.

New York Paint and Allied Industries Credit Association held an outing September 12 at Grenwood Landing, Long Island, attended by more than 100 credit men and salesmen, together with their wives and children. The baseball game between the credit men and salesmen was won by the former; score 8 to 7.

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Oils, Fats and Waxes

Babassu Oil in Demand at a Further Advance—Coconut Quiet and Easier—Chinawood and Oiticica Shaded—Rapeseed Higher —Crude Menhaden Stronger—Tallow Remains Steady

Reductions in quotations on miscellaneous oils, fats and greases outnumbered advances last week, but the undertone of the market was still regarded as firm. Although offerings here and there were somewhat freer, there were apparently no burdensome holdings, this applying to both domestic and foreign products. It was contended by some that any broadening of trade would be likely to find prompt reflection in a firmer tone throughout the list. Last week, however, business was still generally along rather narrow lines. In some instances transactions for the week showed an increase, while in other cases a slowing down of demand was noticeable.

The chinawood oil situation was featured by a steadier undertone despite a downward trend in prices at times. Offerings from abroad were lighter, however, and changes in quotations were comparatively small, while trade showed some improvement. The call for crude coconut oil was lighter and prices were reduced especially as copra was easier. Babassu oil continued to meet with a good inquiry and the market was firm at a further advance. Denatured rapeseed oil again moved upward, with supplies light and diminishing.

Fish products were generally well maintained here and on the Pacific coast. Among the animal products, lard was irregular, changes in quotations being moderate. Grease met with a fair demand and prices ruled steady. Lard, neatsfoot and tallow oils were unchanged with business routine. Oleo oil was held at previous levels but the tone of the market was regarded by some as easier. Tallow offerings were light and the market retained a steady tone.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Babassu oil, ¼c. per lb.
Beeswax, yellow, crude, African, 2c. per lb.
Brazilian, 1c. per lb.
Chilean, 1c. per lb.
Cottonseed oil, edible, 30c. per 100 lbs.
Lard, Western, 25c. per 100 lbs.
Menhaden oil, crude, 1c. per gal.
Palm kernel oil, bulk, shipment, ½c. per lb.
Rapeseed oil, denatured, 2c. per gal.

Reduced

Chinawood oil, ¼c. per lb.
Coconut oil, ⅛c. to ¼c. per lb.
Copra, 15-100c. per lb.
Japan wax, ¼c. per lb.
Lard compound, 50c. per 100 lbs.
Linseed cake, $1 per ton.
Linseed meal, $1 per ton.
Oiticica oil, ¾c. per lb.
Olive oil, denatured, 10c. per gal.
Palm oil, shipment, ⅛c. to ¼c. per lb.
Peanut oil, crude, ⅛c. per lb.
Sardine oil, crude, 1c. per gal.
Soybean oil, 2/10c. per lb.
Teaseed oil, ½c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
137.6	139.2	136.4	146.2

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Babassu.—The market retained a firm tone, demand continuing good and production moving steadily into local and other consuming channels. For tankcars 8½c. per pound was quoted, an advance of ¼c. Consumption in the manufacture of margarin during July, according to statistics from an authoritative source, was 1,288,920 pounds against none in the same month last year.

Chinawood.—A downward trend continued to be noted in local and Pacific coast markets at times during the week, but changes in quotations from day to day were within narrow limits and there was a disposition in some quarters to regard the situation as having undergone improvement. Here quotations on old crop oil ranged during the week from 12.9c. to 13.2c. per pound in tankcars, while for delivery during the first quarter of next year 12.7c. to 12.9c. was quoted. Transactions showed some increase, buying interest being stimulated to some extent by the more settled conditions prevailing abroad, where shippers appeared to be less inclined to push matters. Although transactions for the week were apparently not on an important scale, the volume of business closed was said to have shown a noticeable gain over recent preceding weeks.

Coconut.—Crude oil was easier in domestic markets last week, this development being the result mainly of a lessened demand, though an easier copra situation was also reflected to some extent in the markets for oil. The recent advance in oil prices had the effect of making buyers withdraw for a time, and offerings were noted on spot of 6c. per pound in tankcars, showing a reduction of ¼c. per pound compared with the previous week. Some local interests were still out of the market so far as spot oil was concerned and were not inclined to quote very freely for future delivery. Edible oil was steady at the advance noted in the previous week with a fair inquiry.

Corn.—The market for crude was quiet, consumers being disposed to hold off in some cases for further developments in other oils. Quotations were generally held at former levels but the figures appeared to be largely nominal. Refined oil was fairly active and steady.

Cottonseed.—Edible oil was firmer, selling schedules being advanced 30c. per 100 pounds by refiners. Business lacked snap but there was some improvement in the inquiry for moderate quantities.

Mustard.—Demand held up well and the output continued to move steadily into local and outside consuming channels. The market was firm but prices were without quotable change.

Oiticica.—An easy tone prevailed as the trend of chinawood oil was still downward at times while the inquiry from consumers was limited to comparatively small or moderate quantities. Offerings were noted at 10¼c. to 10½c. per pound, and it was said to be possible to purchase at further concessions on a bid. Shipment offerings were light.

Olive.—With spot supplies small or moderate, and the offerings for shipment generally light, the market for foots had a firm tone though prices were without quotable change. There was a fair demand for small or moderate quantities to fill current or nearby requirements. Denatured oil was still largely nominal, spot stocks being small and uncertainty existing concerning future supplies.

Palm.—Spot supplies of Niger oil appeared to be small and quotations were held at former levels. Quotations on oil for shipment were shaded about ⅛c. to ¼c. per pound, although offerings appeared to be comparatively light. Palm kernel oil for shipment in bulk was firmer, 5.45c. per pound being quoted.

Perilla.—Quotations were about stationary during the week. The tone of the market was regarded by some as a shade easier, however, although there was apparently no change of consequence in the situation abroad. Occasional sales were reported here at 9¼c. per pound in tankcars. For drums 9¾c. to 10c. per pound was quoted as to quantity.

Rapeseed. — Denatured oil was stronger owing to a further shrinkage in supplies on spot and an absence of any increase in offerings for shipment. Sales were reported at 70c. per gallon and there appeared to be little if any available at less than that figure.

Soybean.—Quotations were reduced 2-10c. per pound by producers, the tone of the market apparently being steady at the lower level. So far as new business was concerned, quieter conditions prevailed, consumers being disposed in some cases to curtail purchases for a time pending further developments in other commodities. There was a steady movement into consuming channels, however, on unfilled contracts.

Markets at Other Centers

San Francisco, Sept. 28.—Few price changes were noted in the vegetable oil market during the week under review, excepting chinawood oil, which turned easier today. Sales of nearby chinawood were said to have been effected at 12½ cents, Coast, after which some business was booked for future positions at about this level. There is a fair demand running for coconut oil in prompt and nearby positions, owing to strike conditions in a local mill canceling deliveries. Otherwise the market is a quiet affair.

Ruling prices are:—

BABASSU.—Quoted at 8½c. per pound in tankcars, f.o.b. mill, Pacific Coast.

COCONUT.—Crude oil is steady at 5¾c. per pound in tankcars, September-October shipment, Pacific Coast. Later deliv-

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

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eries, into February-April, quoted at 5½c. per pound.

COPRA.—Offered only in light quantity and there is considerable strength shown in the market, although buyers here are not particularly disposed towards taking on much in the way of purchases. One parcel was on the market here today at 3.50c. per pound, and other than this nothing else could be found, but buyers generally view the market as unchanged from last week's 3.40c. The situation is largely nominal. Quoted on the basis of c.i.f. Pacific Coast ports. Meal is quoted at $33 per ton for domestic, ex mill, subject to strike conditions. Philippine meal is quoted at $31.25 ex dock, San Francisco.

CHINAWOOD.—Quoted easier at 12½c. per pound in tankcars for from spot to prompt shipment. Futures, into April-June, quoted at 12½c. to 12¾c. per pound. Demand has been fair.

PERILLA.—Japanese oil is quoted at 9¼c. per pound in tankcars, prompt to December-January shipment from the Pacific Coast.

HEMPSEED.—Crude oil is quoted at 8¼c. per pound in tankcars, f.o.b. mill, Pacific Coast, with drum lots at 9c., prompt shipment. Refined oil quoted at 9¼c. per pound in tankcars, with drum lots at 10c., ex warehouse. Stocks are scarce.

RAPESEED.—Non-denatured, pure refined oil is quoted at 8¾c. per pound, duty paid in tankcars, f.o.b. Pacific Coast for prompt shipment. Denatured and refined oil is quoted at 8.05c. Blown rapeseed oil is quoted at 71c. per gallon of eight pounds, f.o.b. San Francisco. Futures nominal.

TEASEED.—Nominally quoted at 9½c. per pound in drums, c.i.f. Pacific Coast ports for prompt shipment from the Orient. New crop, November-December oil, quoted at 9c.

SESAME SEED.—Crude oil is quoted at 9¼c. per pound in tankcars, f.o.b. mill, prompt shipment, Pacific Coast.

Chicago, Oct. 2.—It is difficult to point out specific weakness in the general vegetable oil market here, although for the most part there has been a slight easing in tone and general market aspect.

COCONUT.—Crude oil, tankcars, 5¾c. per pound, nominal, Pacific Coast. Refined, edible oil, 10c. to 10¼c. per pound, barrels, car lots; and 10¼c. to 10½c., barrels, less than car lots.

CORN.—Crude, low acid, 9⅝c. to 9¾c. per pound, partly nominal, tanks, mills. Refined, edible oil, 11⅞c. to 12c., barrels, car lots; and 12c. to 12¼c., barrels, less than car lots.

CHINAWOOD.—Ruling spot, drums, 15⅜c. to 15½c. per pound; futures shipments, 13c. to 13⅛c.

SOYBEAN.—Crude, prompt shipment, 8c. per pound, mills; deferred, 8c.

PEANUT.—Crude, 9c. to 9⅛c. per pound.

Chicago, Sept. 2.—Range on soybeans for the week ended September 30, 1936:—No. 2, yellow, high, $1.20; low, $1.18½.

London, Sept. 24.—Soybean oil, British crude, 32s. 3d. per hundredweight; palm kernel oil, refined, 34s. per hundredweight; rapeseed oil, crude extracted, 34s. 6d. per hundredweight; coconut oil, Ceylon, 25s. 9d. per hundredweight; peanut, Indian, crude, 36s. 3d. per hundredweight.

Linseed Oil

The trend of flaxseed prices was downward in domestic and foreign markets. Linseed oil was quiet and easy. Cake and meal reduced.

Flaxseed—DULUTH, Oct. 2.—A steady downward drift in prices has been noted in the Duluth flax market in recent sessions. Prices early this week had declined 6c. a bushel from quotations prevailing one week before. Trading was not active on the decline, with lack of support, rather than heavy liquidation, accounting for the lower range of prices. The trade has been influenced to a considerable extent by declining prices at Buenos Aires, accompanying reports of showers in northern and western sections of the South American country, which for the time being have allayed apprehension of crop damage from drouth. Trade authorities this week, however, said further rains will be needed shortly. Local cash business continued inactive, mainly due to limited receipts.

The week's closing price range was as follows:—

	Cash.	Oct.	Dec.
Saturday	$2.05½	$2.05¾	$2.05¾
Monday	2.03	2.03	2.03
Tuesday	2.02	2.02	2.02
Wednesday	2.01½	2.01½	2.01½
Thursday	2.01½	2.01½	2.01½
Friday	2.04½	2.04½	2.04½

Crop movement into bushels follows:—

	Receipts		Shipments	
	1936.	1935.	1936.	1935.
This week..	52,868	508,781	....	284,565
Since Aug. 1...	557,078	1,395,673	266,892	486,668

MINNEAPOLIS, Oct. 2.—Demand for cash flax improved because of the opening of a crushing mill by agreement with strikers and the tone of the market has been stronger of late. Lack of reserves for crushing resulted in the company operating the mill competing with Duluth for diversion point offers of choice northern flax and as high as 9c. over December was paid for the best type to be unloaded here.

There was no real competition for the medium to poor quality offered and prices for same failed to advance importantly. Receipts have been fair at intervals and most of the movement was taken care of by buyers wanting supplies at the head of the lakes for shipment to mills along the lake shore or in the east.

A peculiar thing about the market was that buyers would pay up for domestic seed to ship down the lakes when Argentine quality could be obtained cheaper for shipment as far west as Milwaukee. This is a matter that local cash handlers are having some trouble in solving. Why the crushers are willing to pay a comparatively high price for domestic quality is without answer.

Country selling is moderate and a good share of the yield has left first hands.

No fresh deliveries made on September contracts of late. The elevator and mill strike prevented loading out and with fresh arrivals so light there has been no disposition to part with reserves, no matter what the quality.

The week's closing price range was as follows:—

	Cash.	Dec.	May.
Saturday	$2.12½	$2.07½	$2.03¼
Monday	2.09¼	2.04¼	2.01
Tuesday	2.11½	2.03½	1.99
Wednesday	2.12	2.04	2.00
Thursday	2.12¼	2.04½	2.00
Friday	2.14½	2.06½	2.02½

Crop movement in bushels as follows:—

	Receipts		Shipments	
	1936.	1935.	1936.	1935.
This week..	25,000	806,040	16,720	49,760
Since Sept. 1...	111,000	3,618,050	132,680	165,700

WINNIPEG, Oct. 2.—Flaxseed futures were irregular with the trading quiet. The week's closing range was as follows:—

	Cash.	Dec.	May.
Saturday	$1.67¼	$1.66	$1.69
Monday	1.64¾	1.64	1.68¼
Tuesday	1.64½	1.66½	1.67⅝
Wednesday	1.64	1.64	1.67
Thursday	1.64⅝	1.64¼	1.67¼
Friday	1.66½	1.65½	1.69

BUENOS AIRES, Oct. 2.—Opening prices per bushel on October contracts were:—

	Last week.	Last year.
Saturday	$1.24⅝	$1.11⅝
Monday	1.23⅞	1.11⅝
Tuesday	1.22⅞	1.15⅝
Wednesday	1.21⅞	1.15½
Thursday	1.19⅞	1.16⅝
Friday	1.19⅝	1.15⅝

Exports

To—	Bushels. Last week.	Previous week.	Last year.
United States	610,000	854,000	217,000
United Kingdom	.....	20,000	272,000
Continent	472,000	232,000	181,000
Orders	437,000	382,000	539,000
Others	.....	31,000	59,000
Totals	1,519,000	1,519,000	1,268,000

Since January 1

	Bushels. This year.	Last year.
United States	9,728,000	12,171,000
United Kingdom	839,000	1,224,000
Continent	22,699,000	24,883,000
Orders	10,282,000	17,378,000
Others	2,310,000	2,470,000
Totals	45,838,000	58,126,000

Visible Supply

	Bushels.
Last week	5,512,000
Previous week	5,512,000
Last year	8,967,000

HULL, Oct. 2.—Quotations on flaxseed were:—

	Per ton. La Plata.	Bombay.
Saturday	..	..
Monday	..	£14
Tuesday	£11¾	13⅝
Wednesday	11¾	13⅝
Thursday	11¾	13⅝
Friday	11½	13⅝

Linseed Oil.—The course of flaxseed prices was downward in domestic and foreign markets last week, and this was reflected in the local linseed oil situation, the tone of the market being easy. Oil was generally quoted at 9.3c. per pound in tankcars, but it was said to be possible to purchase at about 2 points under that figure.

So far as new business was concerned the market was quiet. Occasional inquiries were noted, but such transactions as were reported were limited to small quantities. There were steady withdrawals on contracts, however, and the output of the mills was being well absorbed, leaving spot supplies small.

Reports of rains in parts of Argentina where moisture was needed had much to do with the downward trend of flaxseed prices in the Buenos Aires and domestic markets. It was contended in some cases that the crop in that country is in need of further rainfall, but for the time being sentiment among traders in flaxseed was more bearish.

There was a good demand for cash flaxseed in domestic markets, and cash premiums were maintained. Receipts at terminal points were light. Another government report on the flaxseed crop will be issued late this week, and it is expected that it will make a bullish showing. As to the foreign exchange situation, it is pointed out that, as Argentina currency is influenced by changes in sterling, any movement in the British pound will affect Argentina money, and in the event of any material decline in sterling there should be an advance in the Argentina peso, in order to enable the government of the latter country to hold the flaxseed price at the officially fixed level.

According to a private estimate, only about 10,000,000 bushels of the current season's flaxseed crop in Argentina remains unsold. From October 1 to December 31 last year the exports from that country were about 15,000,000 bushels. Reports in regard to the progress of the new crop in India continued favorable.

Receipts of flaxseed at New York last week were 169,720 bushels.

MINNEAPOLIS, Oct. 2.—There is virtually no trade in linseed oil at present because of the flurry in foreign money markets, which is bound to affect the price of Argentine seed and probably throw more pressure on American markets. Late last week there was a little business for shipment between October and December but mainly the crushers were disinclined to press their offers on account of the strike and interference with crushing and shipment. One of the mills made an agreement with strikers and managed to keep going in a small way, but total shipments for the week were very light. Shipping instructions on maturing contracts are good and there is an accumulation to take care of when the crushers are able to operate without restrictions. Reserves on hand are light but because of the strike are increasing slowly. Only one of the mills was in operation today and only a few presses in this mill were turning.

Quotations on carload lots, nominally, cooperage car lots f.o.b. Minneapolis, 10.1c. per pound, tankcar lots 9.7c. per pound, warehouse lots 10.7c. per pound.

Shipment of oil in pounds were as follows:—

	1936.	1935.
This week	254,768	3,285,523
Since Sept. 1	4,212,973	12,841,788

CHICAGO, Oct. 2.—Linseed oil business continues along a comparatively even keel. Buyers are in the market for moderate to small quantities and are asking for early shipments of these limited amounts, indicating that they do not have very extensive stocks. Ruling prices of representative sellers are: Tankcar, 9.7c. per pound; car lots, 10.3c.; warehouse deliveries, five drums, 10.7c.

SAN FRANCISCO, Sept. 28.—Linseed oil underwent no change during the past week, and there was a little buying for prompt shipment in tankcars. Deliveries against old contracts are holding right up to date and there is considerable oil on the books to be delivered. Quoted at:—Tankcars, 10c. per pound; drum car lots ex mill, 10.6c.; drum lots ex warehouse, 11c. Meal is quoted at from $38 to $39 per ton, ex warehouse.

LONDON, Oct. 2.—Quotations on linseed oil were:—

	Per cwt. s.	d.
Saturday	25	3
Monday	25	0
Tuesday	24	6
Wednesday	24	3
Thursday	24	1½
Friday	24	1½

Cake and Meal.—The tone was easier owing to a downward trend in the markets for flaxseed. Supplies were available on spot at concessions of $1 per ton. The export inquiry for cake was somewhat more active though tankings did not involve important quantities. Domestic trade in meal was slow.

MINNEAPOLIS, Oct. 2.—There is very little doing in the linseed meal market locally, largely on account of the strike and partly because late rains improved fall pasturage wonderfully. Feeders and dairymen were able to take their stock off of a grain and offal diet and therefore did not have to use as much meal. A sharp decline in butter prices also had some effect on feeding volume. Shipping instructions on maturing contracts are fairly good and show an accumulation because the crushers have been unable to take care of them promptly owing to the strike. Stocks on hand are light.

Quotations on carload lots, f.o.b. Minneapolis, nominal, 30 percent protein, 100-pound sacks, $42 to $42.50 per ton, 37 percent, $46 to $46.50 per ton.

Shipments of meal in pounds were as follows:—

	1936.	1935.
This week	1,084,129	5,405,147
Since Sept. 1	4,120,552	22,456,948

CHICAGO, Oct. 2.—Linseed meal markets are quiet. Tone is quite firm. Ruling prices are:—$44 to $45 per ton, largely nominal; car lots, $45; less than car lots, $46.65 to $47.50.

Cottonseed Oil

The market for refined cottonseed oil futures was irregular ,changes in quotations on most months being moderate. Southern markets for crude oil were fairly active.

Cottonseed Oil.—The market here for refined cottonseed oil futures was more active last week. There was considerable switching at times from near to distant positions but commission house business showed some improvement, outside interests being inclined to purchase the distant positions. The market showed irregularity but changes were generally within moderate limits, the tone being firmer early in the week with a ractionary tendency later on. There was little disposition among traders to take the aggressive on the selling side, however, though some pressure of hedging operations was noted during the week as sales of crude oil were freer.

Other speculative commodities which usually have more or less influence in shaping sentiment and the course of prices in the cottonseed oil market were irregular. The trend of lard was upward in the main, however, speculative sentiment in the West apparently being more bullish for the time being at least. Cotton futures also showed firmness and changes in grain prices were generally within moderate limits. Coconut oil was easier, prices being reduced owing to a falling off in demand and also because copra weakened although offerings of the latter product continued to be reported as light. Tallow was described as somewhat easier in the West, but local quotations were maintained with occasional transactions reported in small or moderate quantities.

Some who feel friendly to the long side of the cottonseed oil market and are bullish as to the probable course of prices in the long run, were disinclined for the time being to enter

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into fresh long commitments except in a rather limited way owing to the fear of the depressing effect of hedge selling, as the work of picking and ginning cotton continued to be actively pushed with the movement of seed to the mills reported as liberal. In some parts of the South quotations on seed were $1 to $2 per ton lower than recently. Lard compound was available at lower prices with some improvement reported in the inquiry. It is contended by some that consumption of lard has increased recently and in this connection it was pointed out that retail grocery stores are advertising pure lard at rather low prices.

The Chicago market for live hogs had a firmer tone but although the trend of quotations there was upward at times, changes were not very wide. Receipts of hogs in the principal western markets for four days of the week aggregated 180,900 head against 169,546 head in the same time last year. The weight of the hogs received in Chicago during the week ended September 26 averaged 249 pounds against 245 pounds in the previous week, and 260 pounds in the same week last year.

Tenders on October contracts on one day of the week amounted to 20. October was switched to December at 27 to 30 points difference, to January at 13 to 17 points and to March at 18 to 40 points difference. December was switched to March at 10 points difference.

Following is a record of the market for bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from September 26 to October 2, inclusive:—

	Cents per lb. in tanks— High.	Low.	Close.	Sales. Tanks.
September ..	10.40	10.39	—@—	5
October	10.17	9.90	9.95@10.05	34
November ..	....	....	9.95 nom.	..
December ...	10.35	10.05	10.10 sale	76
January	10.37	10.25	10.10@10.14	91
February ...	....	....	10.10 nom.	..
March	10.43	10.14	10.19@10.22	109
April	....	....	10.15 nom.	..
May	10.35	10.18	10.23@10.25	103
Total sales (144 switches).....				720

Crude, Southeast, 8.75c. nom.
Valley, 8.75c. nom.
Texas, 8.62½c. nom.

Chicago, Oct. 2.—Very slight recessions have been the order of the day in cottonseed oil prices here recently. Buying has not been exceptionally active, while plenty of material has been offered. Tone of the market remains fairly firm on the whole. Prime crude oil in Texas and Oklahoma is 8¾c. to 8⅞c. per pound; and in the Valley and Southeast the same. Good, off-Summer yellow fig oil is 10⅜c. Refined, edible oil is quoted at 11c. to 11¼c., barrels, car lots; and 11¼c. to 11½c., barrels, less than car lots.

Hull, Oct. 2.—Quotations on cottonseed oil were:—

	Refined. Per cwt. s.	d.	Egyptian crude. Per cwt. s.	d.
Saturday	30	6	28	0
Monday	30	6	28	0
Tuesday	30	0	27	6
Wednesday	29	6	27	0
Thursday	29	6	27	0
Friday	29	6	27	0

Cake and Meal.—The tone of southern spot markets was easier in some instances, offerings of meal being reported in parts of the southeast at concessions. In other parts of the South prices were maintained. In the Memphis markets for meal futures prices weakened at one time, but on the decline some increase in demand was reported.

Markets at Other Centers

Atlanta, Sept. 30.—Cottonseed prices are advancing, but cottonseed products have not responded proportionately. Harvesting and ginning are well advanced. In the lower cotton belt most of the cotton is reported to have been harvested. Seed are reported in good condition for the most part.

Quotations of this market are as follows:—

OIL.—Prime crude, 8¾c. per pound.
MEAL.—7 percent grade, $30 per ton, interior mills.
LINTERS.—First cut, 5½c. per pound; second cut, 3¾c.
HULLS.—Loose, $10 ton.
SEED.—$35 ton, shipping points.

Memphis, Oct. 2.—Crude cottonseed oil was fairly active early in the week, sales being reported at 8¾c. per pound. Today there were sales at 8⅝c. per pound and that figure is now bid. Offerings are lighter. Meal made a new low for the season today in the Memphis pit, the decline attracting some new investment buying. Spot meal quoted at $29 per ton for 41 percent, Memphis and Valley points. Slab cake $26.50 per ton. Seed easier at $36 per ton, gin points, following sales of a considerable quantity at $38 per ton. Weather fair and cool.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	September 24.	October 1.
October	$29.60@29.90	$28.25@28.75
December	29.80@30.00	28.25@28.45
January	29.85@30.10	28.25@28.60
March	60.00@30.20	28.65@—

Animal Oils

Degras.—A firm undertone continued to prevail and quotations were generally well maintained. Stocks of crude domestic are small and offerings of foreign for shipment were reported as light. Business lacked snap but there was a fairly active inquiry for the various grades.

Lard.—Quotations remained where they stood at the close of the previous week, and the tone of the market appeared to be firm. Consumers did not show much disposition to purchase ahead but there was a fair inquiry for small or moderate quantities.

Neatsfoot.—A fairly active request was noted for the different grades, but as in recent preceding weeks consumers were disinclined to purchase beyond their immediate or nearby requirements. Quotations were stationary.

Oleo.—Demand was quieter, consumers in some instances being inclined to hold aloof pending further developments. Quotations were unchanged, but the tone of the market appeared to be somewhat easier.

Markets at Other Centers

Chicago, Oct. 2.—Most of the important grades of animal oils are in good tone and some of them are strong. The buying, while not especially impressive, has been coming along in sufficiently steady and extensive lots to lend a good tone to the price structure.

LARD.—No. 1, 10¼c. per pound; No. 2, 10c.

OLEO.—No. 2, 10⅜c. to 10½c. per pound.

TALLOW.—Acidless, 9c. per pound, tanks; 10c., drums, less than car lots.

Fish Oils

Cod.—The market retained a firm tone, although business was rather quiet during the week. Untanked Newfoundland oil was reported to have been offered recently at 41½c. per gallon, but tanked oil was still unobtainable. Offerings of Norwegian oil continued light at firm prices.

Menhaden.—Quotations on refined oil were stationary and the tone of the market appeared to be firm. There was little change in the character of business, consumers being disposed to adhere to a conservative course in purchasing operations, but in some quarters a better inquiry was noted for small or moderate quantities. The crude situation was firmer, sales of 20 tanks being reported at 28c. per gallon, Baltimore basis.

Sardine.—Demand showed some improvement in the local market for refined oil, though consumers were not inclined to purchase ahead to any important extent. The tone was steady and prices were held at previous levels. Crude was quiet and easier on the Pacific coast.

Sperm.—There was a fairly active demand in a jobbing way and the market remained steady on the basis of previous quotations.

Markets at Other Centers

San Francisco, Sept. 28.—Active in a small way during the past week, California sardine oil was once again in the market, this time sellers having reduced their ideas slightly and taken business at 34 cents per gallon in tankcars after holding out over a period of about a week, for 35 cents. Sales were not considered as having been large and the market is regarded in the trade today as being a very steady 34-cent affair.

Otherwise, conditions are largely as reported here a week ago. Production has been kept right up, most plants operating to capacity during the lush September period and fish have been found in fairly great abundance. During the period of from September 17 to 22 the Fish & Game Commission reports there were 17,242 tons of fish taken for shore plant use in Northern California, or nearly 3,500 tons per day. During the past few days some plants have been reporting oil yield even in excess of the 43 gallons per ton recorded during the third week of the month, showing the fish to be unusually fatty.

Floating reduction operations continue to be run on a separate program. What "take" of fish they are experiencing is an unknown matter, although reports say that with six floating plants now operating to capacity off the shore here, their yield is a very important one.

It was estimated a week ago that the entire industry was producing probably 200,000 gallons of oil per day during the major portion of September. A full moon will shortly interrupt fishing operations, however, and the industry is preparing for a shut-down of a few days.

The scheduled meeting of the California Fish & Game Commission for last Friday, at which time October shore plant tonnage permits were to be announced, did not take place and the industry faces the next month without permits on which to operate unless the commission gets together soon. However, the August and September permits were issued on a "carry-over" basis and as it is known that a number of plants did not use the entire 2,000 tons allocated for September reduction, there will not be exactly a shutdown on this account.

Ruling prices are:—

SARDINE.—California oil quoted at 34c. per gallon, f.o.b. production point in tankcars, Northern California. Biologically tested oil for poultry feeding quoted at 50c. per gallon in drums.

Baltimore, Sept. 30.—Another selling spurt in menhaden fish oil developed in the course of the last week in this market, with the result that some twenty tanks were disposed of at 28 cents per gallon, a gain of one cent over the last previous break in the deadlock. The advance of a cent makes a big difference to the producers and may well cause a halt in the trading. Whether any more oil could be disposed of at the same price or whether the potential buyers will insist upon a reduction is a matter that awaits a real test. In this connection it may be said that the fishing down the Chesapeake Bay and off the Virginia capes has continued fair, which is more than can be said of the catches made off the Florida and North Carolina coasts or even of the operations off the Delaware capes, where the hauls have been so unsatisfactory that there is talk of one and perhaps two companies withdrawing their vessels for the season.

Chicago, Oct. 2.—Reports of somewhat stronger market conditionss are coming out of the West as regards some of the fish oil markets. Offerings of sardine oil are not quite so plentiful except at stronger prices. Buying has been done to some extent on that basis.

MENHADEN.—East Coast, 25c. to 27c. per gallon.

SARDINE.—Pacific Coast, 33c. to 34c. per gallon.

SALMON.—Pacific Coast, sellers' tanks, 32c. to 33c. per gallon.

Fats and Greases

Grease.—The market retained a steady tone, quotations generally being held at previous levels. Stocks on spot were said to be light or moderate. Consumers showed little inclination to purchase in advance of needs, but there was a fair call for moderate quantities.

Lard.—Irregularity in the Chicago market for futures was reflected in local cash quotations, changes generally being within moderate limits. Consumption is said to have increased recently, but new business was rather quiet last week. Marketing of hogs in the West was on a moderate scale and at Chicago the hog market had a firmer tone.

Stearin.—Trade was rather quiet, but offerings were light and the market retained a steady tone, previous quotations continuing in effect.

Tallow.—A steady tone prevailed, but aside from this the situation lacked features of more than ordinary interest. After the recent activity, purchasing last week was limited mainly to unimportant quantities, large consumers being inclined to hold off for further developments in other commodities. Offerings were generally light, however, and such transactions as were noted were on the basis of previous quotations. A steady market was also reported in the West, where demand for small or moderate quantities was fair. There was no auction of tallow in London last week.

Following is a record of the market for tallow futures on the New York Produce Exchange from September 26 to October 2, inclusive:—

	Cents per lb. in tanks— High.	Low.	Close.	Sales. Tanks.
October	7.00	7.00	6.90@ 7.20	1
November ...	...	...	7.10 nom.	..
December	7.30	7.15	7.10@ 7.30	4
January	...	...	7.15@ 7.40	..
February	...	...	7.30 nom.	..
March	...	...	7.30@ 7.55	..
Total sales.....				5

Markets at Other Centers

Chicago, Oct. 2.—Some recessions in the cash lard market appear to have been based, in the last few days, on considerations growing out of the statistical situation, also the influence of the futures market. Actual business apparently has been fairly good in the shipping trade. Interest on the part of buyers has been holding up in good shape.

The range of lard quotations from the opening Saturday, September 26, to the close Friday, October 2, is shown in the following table:—

	Per 100 pounds— Open.	High.	Low.	Close. Friday.	Previous
Cash $11.62	$11.62	$11.57	$11.55	$11.45
Oct. 11.40	11.70	11.40	11.50	11.35
Jan. 11.60	11.87	11.55	11.60	11.57

TALLOWS (tierces).—Edible, 8¾c. to 9c. per pound; prime, 7¼c. to 7½c.; fancy, 7¼c. to 7⅝c.; prime renderers', 6⅞c. to 7c.; B country, 5c. to 5½c.

GREASES (tierces).—Choice white, 7½c. to 7⅝c. per pound; A white, 7¼c. to 7⅜c.; B white, 7c. to 7¼c.; yellow, 10-15, 6¾c. to

(Continued on page 52)

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

Cottonseed Statistics: August

Cottonseed received at mills, crushed, and held, and cottonseed products manufactured, shipped out and held, August 1 to August 31, 1936, and 1935, amounted, according to the Bureau of Census, to the following quantities:—

Cottonseed
Received, Crushed, and Held

	Received at mills* Aug. 1 to Aug. 31. 1936.	1935.	Crushed Aug. 1 to Aug. 31. 1936.	1935.	On hand at mills Aug. 31. 1936.	1935.
	Tons					
United States.....	252,834	201,921	102,451	143,385	168,145	148,111
Alabama	28,296	35,225	11,703	21,940	17,284	22,275
Arkansas	10,153	1,170	3,326	1,692	7,439	1,887
Georgia	39,845	49,955	17,471	38,693	24,229	33,430
Louisiana	32,440	21,482	10,431	7,564	22,581	15,281
Mississippi	51,067	18,109	14,351	15,369	38,820	15,752
Texas	81,280	68,636	43,224	43,141	45,437	47,907
All other states.....	9,753	7,344	1,945	14,986	12,355	11,579

* Includes seed destroyed at mills but not 17,762 tons and 89,575 tons on hand August 1, nor 2,776 tons and 2,746 tons reshipped for 1936 and 1935 respectively.

Cottonseed Products
Manufactured, Shipped Out, and Held

	On hand Aug. 1.	Produced Aug. 1 to Aug. 31.	Shipped out Aug. 1 to Aug. 31.	On hand Aug. 31.
Crude oil, pounds—				
1936-1937.....	*18,707,199	29,786,952	22,954,050	*26,547,188
1935-1936.....	28,262,543	43,122,688	41,808,421	27,880,367
Refined oil, pounds—				
1936-1937.....	†319,014,573	‡22,725,242	.....	†237,220,369
1935-1936.....	444,833,215	38,184,421	.....	342,818,200
Cake and meal, tons—				
1936-1937.....	68,905	46,774	70,118	45,561
1935-1936.....	198,367	64,597	85,475	177,489
Hulls, tons—				
1936-1937.....	26,278	27,615	29,021	24,872
1935-1936.....	76,604	38,273	43,840	71,037
Linters, running bales—				
1936-1937.....	44,786	22,109	29,795	37,100
1935-1936.....	71,292	28,470	38,543	61,219
Hull fiber, 500-lb. bales—				
1936-1937.....	70	226	50	246
1935-1936.....	1,332	1,725	1,756	1,301
Grabbots, motes, etc., 500-lb. bales—				
1936-1937.....	2,902	795	1,554	2,143
1935-1936.....	5,986	1,278	3,010	4,234

* Includes 6,139,285 and 4,917,952 pounds held by refining and manufacturing establishments and 4,111,300 and 6,339,720 pounds in transit to refiners and consumers August 1, 1936, and August 31, 1936, respectively.

† Includes 15,147,906 and 10,104,373 pounds held by refiners, brokers, agents, and warehousemen at places other than refineries and manufacturing establishments, and 9,060,418 and 9,784,546 pounds in transit to manufacturers of lard substitute, oleomargarine, soap, etc., August 1, 1936, and August 31, 1936, respectively.

‡ Produced from 24,584,207 pounds of crude oil.

Exports and Imports for Twelve Months Ended July 31

	1936.	1935.
Exports—		
Oil, crude, pounds.....	403,223	1,231,434
Oil, refined, pounds.....	3,129,179	3,695,244
Cake and meal, tons of 2,000 pounds.....	10,505	2,773
Linters, running bales.....	240,549	205,246
Imports—		
Oil, crude and refined, pounds.....	*135,405,268	131,320,088
Cake and meal, ton of 2,000 pounds.....	3,272	50,751

* Amounts for August not included above are 7,278,548 pounds refined, "entered directly for consumption." and 6,998,902 refined "withdrawn from warehouse for consumption."

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Lead Acetate
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Baker's fine chemicals

for Pharmaceutical Manufacturers

Drugs, Fine Chemicals

Devaluation of Foreign Money Stops Foreign Crude Offerings and Forces Advance in Glycerin Prices—S. D. No. 1 Alcohol Higher—Denaturing Grade Methanol Up

Price developments were numerous in the market for drugs and fine chemicals last week. Advancing values were the order of the week and higher levels were established on specially denatured alcohol, formula No. 1, glycerin, denaturing grade methanol and quicksilver. Brucine sulphate and alkaloid were down slightly. Demand in the market as a whole was very good. Items seasonable in cold weather were in steady request and interest in the rather large group of materials gained considerably during the period under review. Other materials were in fair request and values held firm at all times.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Alcohol, S. D., No. 1, 3c. per gal.
Glycerin, c. p., 2c. per lb.
dynamite, 2c. per lb.
saponification, 1c. per lb.
soaplye, 1c. per lb.
Methanol, denaturing grade, 5c. per gal.
Quicksilver, $3 per flask.
Silver bullion, London, ⅛ pence per oz.

Reduced

Brucine, alkaloid, 2c. per oz.
sulphate, 1c. per oz.

Comparative Values

Index number compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
180.3	180.0	180.1	186.2

Market news that may have developed after this report was sent to press will be found on page 4.

The development in glycerin was of first importance in the market. Devaluation of foreign currencies caused stoppage of all foreign offerings of crude. Domestic supplies were far too small to cope with the needs of refiners. Prices were advanced sharply and the outlook favored further rise unless there shall be a substantial increase in supplies of crude, as well as a decline in prices for the same.

Alcohol prices were stronger. Quotations on the S. D. No. 1 grade were advanced 3c. Furthermore, the quotation on the special solvent grade of denatured alcohol was advanced 2c. on deliveries in the Metropolitan area. No change was made in the works price of the special solvent grade. Denaturing grade methanol was subject to an increase in operating costs and the advance in quotations covered the increase.

Quicksilver was hard to secure and the market was strong at the higher figure. Mercurials were considerably firmer and upward in tendency.

Acid, Acetylsalicylic.—Demand was good. It was steady throughout the period and the result was an excellent total volume of sales. Prices were maintained in steady position.

Acid, Boric.—Sales on medicinal account were normal in a very steady market. Industrial consumption was said to be taking deliveries promptly and in normal volume. Undertones were firm.

Acid, Citric.—Movement into consumption was quiet and reduced to a volume normal for the article at this season of the year. Prices ruled steadily and reports indicated that stabilization at current quotations was likely to prevail through the Winter months.

Acid, Lactic.—Irregular request prevailed but on the whole the market was a steady affair so far as the consumption of U.S.P. merchandise was concerned. Prices were firm. Stocks were sufficient.

Acid, Pyrogallic.—Prices were confirmed at unchanged position. Demand has slackened somewhat but on the whole the movement was about normal for this time of the year. Undertones were very steady.

Agar Agar.—Trade was not especially active but the market was still well maintained. In fact, spot quotations were not warranted by replacement costs; the latter were at least even with spot prices and some importers said that the market in Japan was higher than that on the spot.

Alcohol.—Quotations on specially denatured alcohol, formula No. 1, were advanced 3c. per gallon last week, making the new schedule as follows:—tanks, 26c. per gallon; car lots, drums, 32c.; 19 drums, 34c.; 1 to 18 drums, 37c.; barrels, car lots, 33c.; less than car lots, 35c. These were works prices and prevailed in the East. Works prices on special solvent were unchanged at the works, but the special quotations that had prevailed for business in the metropolitan area were advanced 2c. per gallon, making the tank price 24c. per gallon, at works, price to prevail on all business in the East. Statistics on industrial and ethyl alcohol, covering production, withdrawals, removals, transfers and month-end warehouse stocks for the month of August, according to statistics supplied by the Alcohol Tax Unit of the Bureau of Internal Revenue, Treasury Department, and based on the operations of twenty-eight plants producing ethyl alcohol, and thirty-eight plants producing denatured alcohol, were as follows:—

Ethyl Alcohol

	Proof gallons.
Production	17,998,340
Withdrawal, tax paid	2,528,881
For hospital, scientific and educational use	139,517
For United States and subdivisions	32,001
For export	17,057
For denaturation	12,457,389
Transferred to vinegar plants	31,201
Warehouse losses	.....
Stocks April 30	27,473,034

Denatured Alcohol

	Wine gallons—Completely.	Specially.
Production	1,011,162	5,916,652
*Removed	944,963	6,004,392
Stocks August 31	2,127,169	507,338

* Including amount shipped to bonded dealers.

According to the reports from sixty-five bonded dealers, 343,851 wine gallons of specially denatured alcohol were received from the denaturing plants in August. There were 345,159 wine gallons disposed of to bonded manufacturers. Shipments between dealers totaled 9,766 wine gallons. Stocks on hand at the end of August totaled 338,559 wine gallons. The above figures are subject to change upon audit of reports rendered to the department.

Aloin.—The raw material was exceptionally firm and the tendency was upward. Therefore, higher prices on aloin were expected to develop eventually. At the moment, competition has held back the advance to higher levels.

Ammonia Chloride.—Trade continued to pick up slowly but also steadily. The season of increasing need was close at hand and buyers were disposed to protect at least a portion of their early needs. Quotations were very firm.

Bismuth Metal and Salts.—Well stabilized prices on salts were clear evidence of the well maintained prices on metal. The feeling for some time past has been that metal was selling at prices insufficiently remunerative for the refiners and hence the next move in values was expected to be upward. In the meantime, demand was normal.

Brucine Sulphate.—Prices were lower at 10c. to 11c. for alkaloid, and 7c. to 8c. per ounce for sulphate. The market was more competitive than it had been and conditions were distinctly favorable for buyers with firm orders in hand.

Cadmium Metal and Salts.—Values appeared to be well stabilized. Metal was firmly held at $1.05 per pound, and offerings were not greater than the market's ability to absorb. Undertones were very steady in all directions.

Castor Oil.—Trading was reported to have been very good. The market had a distinctly firm undertone and lacked signs of any important degree of competition. Production was fully equal to the demand from manufacturing consumers.

CHICAGO, Oct. 1.—A firm undertone rules in castor oil. Shipments of material are reported quite brisk. Ruling prices are: No. 1, drums, car lots, 10⅞c. per pound; drums, less than car lots, 12c.; barrels, car lots, 11⅛c.; barrels, less than car lot, 12¼c.; five-gallon tins, 13¼c.; one-gallon tins, 15¼c.; No. 3, drums, car lots, 10⅜c.; drums, less than car lots, 11⅛c.; barrels, car lots, 10⅝c.; barrels, less than car lots, 11¾c.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

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Creosote
Guaiacol Carbonate
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Cocoa Butter. — The market was steady at the recent advance. Cost of raw material has changed very little and was, in fact, firmly maintained on the world exchanges. Demand for butter was routine and supplies were moderate in size.

Codliver Oil.—Foreign market prices were very firm. Spot values were also well maintained. Unsold stocks in Europe were said to be comparatively small, considering the small crop produced this year. Consumption in this country was going forward in normal volume. The next Imperial Conference on codliver oil will take place in London during May, 1937, and the Newfoundland producers expect to push the sale of their product actively. According to the agricultural experimental station at Zurich-Oerlikon, Switzerland, has estimated that between 500 and 600 metric tons of oil are consumed as animal feed in that country. Switzerland feeds the oil by mixing it in the feed of sick and poorly developed animals, pregnant animals, and to cattle lacking adequate pasturage.

Corn Syrup.—No change in quotations was made last week. The market was steady both as to price and demand. Stocks appeared to be meeting the requirements of buyers readily.

Creosote.—Wider interest developed in all creosote products as the result of seasonal influences. The market on all of them was steady to firm and prices were well maintained in all instances.

Glycerin.—Quotations were advanced sharply. New prices were as follows:—C.P., drums, car lots, 19½c. per pound; less than car lots, 20c. to 21c.; cans, less than car lots, 21½c. to 22½c.; dynamite, drums, car lots, 19½c.; less than car lots, 20c. to 21c.; saponification, drums, 15c.; soaplye, 14c.; yellow distilled, drums, car lots, 19⅝c.; less than car lots, 19⅝c. The advance was caused by the higher cost of crude and the inability of buyers to secure firm offerings at any price from Europe and other countries supplying the article. Furthermore, home consumption of glycerin has been large. Production of the refiners has moved promptly to consuming buyers and in volume, making it impossible for the producers to accumulate a stock of unsold refined glycerin. Last week, all offerings of European crude stopped. Devaluation of money with a view to international stabilization of money values was undertaken by France, Switzerland and Holland. Foreign sellers of crude hardly knew the value of their own money, let alone what its value in terms of dollars might be. To them merchandise was more desirable than money until such time as exchanges shall have settled to a basis of real values. All of these factors combined to make glycerin an exceptionally strong article and each shared in the basic causes that produced the advance in spot prices.

CHICAGO, Oct. 1.—Prices were advanced to 19½c. per pound on chemically pure glycerin, car lot quantities in drums. Less than car lot quantities were higher at 20c. to 21c. per pound. Dynamite glycerin stood at 19½c. per pound in car lots and 20c. in less than car lot quantities. Soaplye glycerin was about nominal at 13½c. to 14c. per pound.

Iodine and Iodides.—A very steady spot market was the rule. Prices were low enough to encourage prompt coverage of all requirements. Further information concerning production of crude iodine and potash iodide in Japan were available. Output in 1934 was officially reported as 37,157 kilos, valued at 341,333 yen, showing declines of 7,900 kilos in quantity and 190,536 yen in value compared with the previous year. The 1934 production of potassium iodide totaled 55,881 kilos, valued at 590,902 yen, a decline of 1,637 kilos and 56,314 yen, respectively, compared with 1933. It was believed that there was a much larger decline in production in 1935 because of scarcity and high price of seaweed. The effect of the curtailed production and high prices was apparent in the export statistics for the first half of this year, which show very heavy declines as indicated below:—

	January-June		
	Kilos		
	1934.	1935.	1936.
Iodide	11,828	4,186	550
Potash iodide...	28,941	13,571	3,824

Menthol.—The market in Japan appeared to be slightly firmer than it had been in recent weeks. Substantial business in merchandise for shipment as far off as next July had been done during the previous fortnight and the result was evident in the firming up of the primary market. Opinion on spot was that this improvement would be temporary. Spot quotations at one time dipped to the basis of $3 per pound but at the close of last week, $3.10 to $3.20 per pound was the market.

Mercurials.—The entire group was very firm. Prices were maintained on the basis of the recent advances and in keeping with the basic strength prevailing in the raw material market, no change in the present position of derived products was looked for by the principal producers.

Methanol.—Quotations on the denaturing grade were advanced 5c. per gallon, making the contract quotation 45c. per gallon and the spot price 48c. This

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

rise reflected a higher operating cost. Demand for the denaturing grade has increased because of the preparation of anti-freeze mixtures to meet the demands for motor car protection during the Winter months. Demand for all kinds of methanol for industrial purposes was also quite active; especially good was the call for the synthetic material. Monthly statistics on production of crude and synthetic methanol, representing practically the entire output of these commodities in the United States, have been released by Director William L. Austin, Bureau of the Census, Department of Commerce. The data for the month of August, 1936 and 1935, include production figures for thirty-three manufacturers. Wood carbonized amounted to 48.825 cords for January; 47,253 cords for February, 1936; 45,384 cords for March, 1936; 45,384 cords for March; 51,323 cords for April; 41,413 cords for June; 40,848 cords for July and, 45,348 cords for August.

Production

	Gallons			
	1936.		1935.	
	Crude.*	Synthetic.	Crude.*	Synthetic.
Jan. ...	494,081	1,418,863	386,477	1,303,171
Feb. ...	494,081	1,540,171	363,781	1,126,709
Mar. ...	473,067	1,631,832	411,326	1,305,230
Apr. ...	428,318	1,692,921	450,941	1,167,262
June ...	413,930	1,863,406	385,472	1,198,186
July ...	374,110	1,950,825	379,309	1,278,505
Aug. ...	447,499	2,309,377	403,020	1,389,812
Totals.	3,558,052	14,162,392	3,232,648	9,970,128

* The refined equivalent would be approximately 82 percent of the crude production.

Milk Powder.—Exceptionally strong prices prevailed. Devaluation of the Dutch guilder tended to make uncertain the cost of milk powder exported from that country and hence buying for import came virtually to a stop for the time being. Demand was very good on the spot market and supply was hardly equal to the needs of buyers.

Quicksilver.—The market was higher at $93 to $95 per flask. Lower quotations were noted but they seemed to be nominal for the reason that foreign sources of supply have about dried up and prices mentioned on foreign metal appeared to be merely quotations. Demand was not especially active locally. Stocks were low.

SAN FRANCISCO, Sept. 28.—Sellers at the mines on the Pacific Coast were generally confident of further increases in the quicksilver price unless Spain can start exporting soon. Last week the market was steady at $90 per flask, New York basis. Important sellers here said they would sell only to their regular trade at that figure. Stocks in New York were said to be pretty well cleaned out and, from what can be learned here, there is switching of stocks taking place between consumers. Stocks in this market appeared to be shipped out as fast as they accumulate.

Quinine.—Devaluation of Dutch currency raised at once the question:—What will be the effect on the price for quinine in the United States? Well informed opinion was that it would not affect values here. Quinine for consumption in the United States has been quoted in dollars for a very long time and hence a change in the value of the Dutch guilder, or florin, as it is sometimes called, would not force a change in the dollar price of the cinchona bark derivatives. The market continued to be firm last week.

Silver Nitrate. — The schedule of prices since the last report prevailed as follows, covering quantities of 100 ounces; small lots cost from 1c. to 2c. more per ounce and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices for bullion in New York and London are also provided.

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	32⅝	44¾	19⅛
Monday	32⅝	44¾	20⅛
Tuesday	32⅝	44¾	19⅛
Wednesday	32⅝	44¾	19⅛
Thursday	32⅝	44¾	19⅛
Friday	32⅝	44¾	19⅛

Geigy Expands Southern Branch

Geigy & Co., manufacturer of dyes and dyestuffs, 89-91 Barclay street, this city, has taken larger quarters for its branch in Charlotte, N. C., at 524-528 West Eleventh street, that city. The building is two stories, has a railroad siding, and provides the increased warehouse and laboratory facilities required by the expansion of the company's business in that district. The Geigy company, which was established in 1764, maintains branches in Toronto, Boston, Philadelphia, Providence, Cincinnati, and Portland, Ore.

Scott, Bader & Co., 109 Kingsway, London, England, has become the exclusive sales agent in the United Kingdom and Ireland for the products of the Beacon Company, Boston, Mass.

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Chromium oxide
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Cobalt iodide
Cobalt phosphate
Colophony
Copal
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Copper caseinate
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Copper iodide
Cumarone
Dammar
Diethyl disilicate
Diethyl oxalate
Dinitroacetylcellulose
Dinitroxylene
Disilicic esters
Ethyl borate
Ethyl monosilicate
Ethyl silicate
Fish glue
Gelatin
Glyceryl silicates
Hexaethyl disilicate
Indene
Irish moss
Iron (ic) iodide
Iron (ic) bromide
Iron (ic) chloride
Iron (ous) chloride
Iron (ous) oxalate
Kaolin
Lead chloride
Lead chromate
Lead fluoride
Lead iodide
Lead nitrite
Lead oxychloride
Lead phosphate
Lead sulphoricinoleate
Lithopone
Lithium bromide
Lithium chloride
Lithium iodide
Magnesium borate
Magnesium bromide
Magnesium carbonate
Magnesium chloride
Magnesium iodide
Magnesium oleate
Magnesium oxide
Magnesium oxychloride
Magnesium resinate
Magnesium ricinoleate
Magnesium sulphate
Magnesium sulphoricinoleate
Manganese bromide
Manganese chloride
Manganese iodide
Mercury (ic) bromide
Mercury chloride
Mercury (ic) iodide
Methyl borate
Methyl silicate
Microscosmic salt
Naphthyl carbonate
Naphthyl phosphate
Nickel bromide
Nickel chloride
Nickel iodide
Nitrocumene
Nitronaphthalene
Oxalic esters
Paraffin
Paranitrotoluene
Petrolatum
Phosphates
Potassium oxalate
Propyl borate
Propyl silicate
Quartz
Resinates
Resinoleates
Shellac
Silica
Silicates
Silicic ethers
Sodamide
Sodium acetate
Sodium bicarbonate
Sodium carbonate
Sodium chloride
Sodium oleate
Sodium oxalate
Sodium palmitate
Sodium phosphate
Sodium silicate
Sodium stearate
Sodium-ammonium phosphate
Spermaceti
Steatite
Strontium bromide
Strontium chloride
Strontium iodide
Sulphides
Sulphites
Talc
Tetracetylnitrocellulose
Tetraethyl silicate
Titanium oxide
Tricresyl borate
Triphenyl borate
Triphenyl phosphate
Tungsten salts
Urea
Urea oxalate
Vegetable wax
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Zinc acetate
Zinc bromide
Zinc caseinate
Zinc chloride
Zinc iodide
Zinc oxide
Zinc oxychloride
Zinc ricinoleate
Zinc sulphide
Zinc sulphoricinoleate
Zinc white

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Diamylamine
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Diethylaminobetaoxypropylamine
Diethylbenzylethylenediamine
Diethylethylenediamine
Glycol stearate
Glycopon
Methyl oleicsulphonate
Methyleneglycol monopalmitate
Methylhexalin
Monobutylnaphthalenesulphonic acid
Potassium heptylnaphthalenesulphonate
Sodium alphatetrahydronaphthalenesulphonate
Sodium oleate
Sodium propylnaphthalenesulphonate
Trianylamine
Triethanolamine
Trihydroxyethylamine
Trihydroxyethylamine linoleate
Trihydroxyethylamine ricinoleate
Trihydroxyethylamine stearate

Plasticizers for Cellulose-Derivative Ivory Substitutes

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Acetanilide
Acetic esters of glycerin
Acetobenzenesulphamide
Acetobetanaphthalide
Acetochlorhydrinbenzidin
Acetochlorhydrose heptaacetate
Acetochlorhydrose monoacetate
Acetochlorhydrose octaacetate
Acetochlorhydrose tetraacetate
Acetodichlorohydrin
Acetone plus alcohol-ether solution of turpentine
Acetoneglycerol
Aceto-orthotoluidide
Acetopara-anisidide
Acetoparatoluenesulphonamide
Acetoxylide
Acetylamidophenyl amylcarbonate
Acetylamidophenyl ethylcarbonate
Acetylamidophenyl isobutylcarbonate
Acetylamidophenyl methylcarbonate
Acetyldichlorohexylamine
Acetyldicyclohexylamine
Acetyldiphenylamine
Acetylethylamidophenyl amylcarbonate
Acetylhydrocellulose
Acetylmethylamidophenyl amylcarbonate
Acetylmethylamidophenyl isobutylcarbonate
Acetylmethylamidophenyl methylcarbonate
Acetylmethylanilin
Acetyloxycellulose
Acetylphenylnaphthylamine
Acetylphenyltolylamine
Alcohol-ether solution of turpentine and a ketone
Aldols
Alkyl naphthylamines
Alkocyclophenyl compounds
Amidobenzenesulphoazodiphenylamine
Amidosulphobenzoic acid
Amyl acetylsalicylate
Amyl benzoate
Amyl carbamate
Amyl carbanilate
Amyl carbonate
Amyl dicresylphosphate
Amyl dinaphthylphosphate
Amyl diphenylphosphate
Amyl lactate
Amyl oxanilate
Amyl phthalate
Anilin
Anilin trichloride
Anisol
Antipyrin salicylate
Aquadag
Azobenzene
Benzanilide
Benzene benzylnitrochloride
Benzene bromide
Benzene chloride
Benzene nitrobromide
Benzene nitrochloride
Benzene sulphamide
Benzene sulphoanilide
Benzene sulpho-orthochloranilide
Benzene sulphodiethylamide
Benzene sulphodimethylamide
Benzene sulphoethylamide
Benzene sulphoethylanilide
Benzene sulphomethylanilide
Benzene sulpho-orthotoluide
Benzene sulphoparatoluide
Benzenesulphamine

(To be continued)

HEADQUARTERS
for
ALL GRADES
TRAGACANTH
• ARABIC • KARAYA • TAHLA • GHATTI •
COMPLETE STOCKS • CRUDE AND MILLED
LABORATORY-CONTROLLED QUALITY
MOST FAVORABLE PRICES.
WIRE OR WRITE FOR SPECIAL QUOTATIONS
S. B. PENICK & COMPANY
132 NASSAU STREET, NEW YORK
1228 WEST KINZIE STREET, CHICAGO
THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

Trade-Names and Brand-Names

Mater als Used in Chemical Processing Industries

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Forty-seventh Instalment

Indopon chemicals used as discharge assistants in printing with indigo and vat dyes; Rohm & Haas Company, Philadelphia.

In-Dur synthetic resins; International Combustion Tar & Chemical Company, New York.

Indusoil; fatty acid emulsifier and substitute for red oil; Industrial Chemical Sales Company, New York.

Inferno denatured alcohol; Blu Blaze Corporation, Chicago.

Inferno sulphur; California Spray Chemical Company, Berkeley, Cal.

Ingelheim egg lecithin; for use in cosmetics; R. W. Greeff & Co., New York.

Inkgo; decolorizer, stripping and spotting agent for dye stains; A. L. Wilson Chemical Company, Jersey City, N. J.

Ink-O-Dor; deodorant for printing and other inks; Givaudan-Delawanna, Inc., New York.

Inocyl dyestuffs, lakes, and textile chemicals; Geigy Company, New York.

Instanto; bleaching agent for flour and meal; N. V. Chemische Fabrick, Rotterdam, Netherlands; K. Gulbenkian, New York.

Intenso carbon black; Imperial Oil & Gas Products Company, Pittsburgh.

Integral aldehydes, alcohols, and aromatic agents; Charabot, Inc., New York.

Inter-Coastal; regulating agent for acid metal-pickling baths; Inter Coastal Paint Corporation, East St. Louis, Ill.

Intramine; wetting, penetrating, emulsifying and cleansing agent; Synthetic Chemicals, Inc., Jersey City, N. J.

Intrasol; water-softening agent for textile processes; I. G. Farbenindustrie A. G., Frankfort-on-Main, Germany.

Invadin; emulsifying agent and solvent for facilitating wetting of textiles; Society of Chemical Industry in Basel, Basel, Switzerland.

Invadine N; wetting and emulsifying agent for textile processing; Clayton Aniline Company, Manchester, England.

Invadines; dispersing and emulsifying agents for use in cosmetics; Clayton Aniline Company, Manchester, England.

Invaria aromatic agents; M. Naef & Cie., Geneva, Switzerland.

Invicta (Decolorizing carbon); Thomas Hill-Jones, Ltd., London, England.

I.O.C. tanning extracts; Haley Hammond Company, Jersey City, N. J.

I.O.C. Primogas; compressed gas for welding and cutting processes; International Oxygen Company, Newark, N. J.

Iodeikon (Isotetraiodophenolphthalein sodium salt); Mallinckrodt Chemical Works, St. Louis.

Io-Dow iodine, iodides, and other compounds of iodine; Io-Dow Chemical Company, Long Beach, Cal.

Iomagene (Iodized magnesium carbonate); for addition to table salt; Washington Chemical Company, London, England.

Ionamine rayon dyestuffs; Imperial Chemical Industries, Ltd., London, England.

Iraldeine aromatic chemicals; Maywood Chemical Works, Maywood, N. J.

Iraldol aromatic chemicals; Maywood Chemical Works, Maywood, N. J.

I.R.G.A. dyestuffs; Geigy Company, New York.

Irgalite coaltar colors for lakes; Geigy Company, New York.

(To be continued)

Dr. Glenn L. Jenkins, who had held the chair of pharmaceutical chemistry at the School of Pharmacy, University of Maryland, for the last nine years, has resigned to take a similar position with the University of Minnesota. Dr. Jenkins took his degree at the University of Wisconsin.

Bristol-Meyers Company has notified the New York Stock Exchange that there was formed July 30 last in South Africa a company known as Bristol-Myers-Proprietary, Ltd., with capitalization of £1,000. All of the capital stock, with the exception of the directors' qualifying shares, is owned by the Bristol-Myers Company.

Botanical Drugs, Gums

Devaluation of Foreign Monetary Units Rendered Replacement Costs Uncertain—Local Importers Become Somewhat Reserved—Fall Demand Broader—Prices Generally Firm on the Spot

Demand to meet the Fall requirements of manufacturing consumers was very good last week. The movement of stocks into consumption was satisfactory and was productive of a general firmness in most prices. Slowly but steadily the absence of more than moderate supplies of materials in primary markets is making itself felt, and the general upward tendency of prices was in keeping with that situation. Practically all items in the local market was very firm; certainly all important materials were so held.

Possibly the development most likely to affect the future cost of foreign botanicals was the currency devaluation schemes adopted by France, Holland and Switzerland. All of these countries are scheduled to reduce the gold content of their monetary units. These financial developments found reflection of a kind in the money situation in the Balkan states, whence come many foreign botanicals. The first result of devaluation would be to increase the purchasing power of the dollar in the countries affected. The opinion of most importers on spot was that the price of merchandise quoted in the foreign currencies to be devalued would be advanced sufficiently to offset the decline in the gold value of currencies. Inflation might even cause advances that would actually decrease the purchasing power of the American dollar in foreign exchange.

The result last week was that importers were disposed to be reserved until such time as the financial future of the dollar in foreign trade shall be more clearly disclosed.

Entries of botanicals at the port of New York since the week of January 1, 1936, and detentions of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags Detained.	Bags Entered.
Anise	1,829	2,796
Caraway	4,333	7,283
Cardamom (cases)	150	1,742
Celery	105	2,458
Coriander	2,971	5,908
Cumin	1,342	5,960
Dill	230	504
Fennel	370	1,412
Mustard	...	12,806
Poppy	...	21,088
Sage leaves (bales)	52	895
Sesame	171	179,723
Thyme herb (bales)	174	959
Totals	11,727	243,534

Price Changes

Prices were changed during the past week as follows:—

Advanced

Arnica flowers, 2c. per lb.
Lupulin, 25c. per lb.
Nutmegs, 110's, ½c. per lb.
Pepper, black, Alleppy, ¼c. per lb.
Tellicherry, ¼c. per lb.
red, chillies, Mombassa, ½c. per lb.
Raspberries, dried, 10c. per lb.

Reduced

Colocynth pulp, 5c. per lb.
Canary seed, Morocco, ¼c. per lb.
Caraway seed, ¼c. per lb.
Celery seed, French, ½c. per lb.
India, ¼c. per lb.
Coriander seed, Morocco, ¼c. per lb.
bleached, ¾c. per lb.
Damiana leaves, 1c. per lb.
Elder flowers, 1c. per lb.
Mustard seed, California brown, ½c. per lb.
English yellow, ¼c. per lb.
Mullein flowers, 5c. per lb.
Marjoram, French, ½c. per lb.
Tunisan, 1c. per lb.
Paprika, Hungarian, 1c. per lb.
Poppy seed, Dutch, ¼c per lb.
Polish, ¼c. per lb.
Pepper, black, Lampong, ½c. per lb.
Saffron, Spanish, $1 per lb.

Comparative Values

Index number compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
116.1	115.9	119	98.4

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Copaiba.—Moderate trading was reported, and the market as a whole failed to show important change. Prices were very steady.

Fir.—Business was fairly steady. Buyers were in the market for normal quantities of the material, and volume compared well with that in recent periods. Prices were about firm in all quarters.

Barks

Buckthorn.—Stocks increased because of a fair-sized arrival from the primary market. The larger supply failed to affect prices adversely. They remained very steady. Demand was routine.

Cascara Sagrada.—A firm market prevailed. Absence of stocks excessive in size in the primary market was responsible for the development of strong undertones and very firm prices. Demand on the spot showed some improvement last week, but most orders were for small quantities.

Elm.—Demand broadened. Interest in slabs was very good and served to strengthen the already firm prices. Stocks in the country were in firm price position, and holders expected that values would advance further when stocks have decreased.

Sassafras.—The position of select bark showed further improvement, in that it was confirmed that primary market reserves were hardly up to normal. Holders in the country had very firm views as to the value of their stocks, and hence they were not disposed to accept bids.

Wahoo.—More inquiry showed clearly that stocks were limited in size and that the country was unable to offer normal quantities of root bark. Locally, a market of exceptionally firm undertones prevailed, in company with very good consuming interest.

Beans

Tonka.—Demand was limited to orders comparatively small in size, but there was a very good call for such quantities. In view of the not large supply on spot, prices were maintained in firm position.

Vanilla.—Devaluation of the French franc led to total stoppage of all export business in the market for these beans. On spot, sellers became somewhat reserved while awaiting for the foreign situation to develop further. Dealers expected that eventually the price of beans quoted in francs would be advanced fifteen to twenty francs in Marseilles. Stocks abroad, including new crop, were estimated to be not in excess of 1,100,000 pounds, of which quantity 800,000 pounds will be required by the United States.

Berries

Juniper.—Business was quiet. Buyers' stocks seemed to care for present requirements, and hence little purchasing of spot deliveries took place. Business in futures was along somewhat more active lines.

Raspberries.—Quotations were advanced further to the basis of 75c. to 80c. per pound as the result of the short crop of this article. Larger demand would probably bring further rise in values, it was said.

Flowers

Arnica.—Sales were made over the range 32c. to 35c. per pound and the market occupied a very firm position thereat last week. Replacement costs were strongly maintained abroad. Offerings were moderate.

Elder.—One quarter on the spot shaded local quotations to the basis of 19c. to 20c. per pound under competition last week. Foreign market quotations seemed to be very firm.

Mullein.—Sales have been made as low as 80c. per pound and late last week the range was to 85c. per pound. The undertone had been easier of late and last week it continued to keep the market trend in favor of buyers.

Saflower.—Quotations were no lower but they were still easy under the absence of much demand and the presence of more competition than had been present in the spot market for some time past.

Saffron.—Lack of demand caused Spanish saffron prices to ease off considerably and values late in the period were down to the basis of $17 to $20 per pound. Mexican saffron continued

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

PROFESSIONALLY HOPKINS BRAND MILLED
ANALYZED - STANDARDIZED
CRUDE DRUGS

Acacia Gum
Aniseed
Asafoetida
Benzoin Gum
Capsicum
Cardamon Seed
Cinchona Bark
Digitalis
Ergot
Ginger Root
Henna Leaves

Irish Moss
Ipecac Root
Juniper Berries
Karaya Gum
Lemon Peel
Manaca Root
Nux Vomica
Orris Root
Papain
Quince Seed
Tragacanth

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PYRETHRUM EXTRACT Guaranteed 2.4% Total Pyrethrins
PYRETHRUM POWDER Guaranteed minimum 9-10 of 1% Pyrethrins
BE SAFE—CONTRACT WITH
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2612 Arthington Street Chicago
Importers and Millers for Seventy Years

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F. HUBER & CO., - 99 Hudson Street, New York

A. C. DRURY & CO., Inc., INTERNATIONAL MERCHANTS
Chemicals - Essential Oils - Synthetics - Bouquets
Talc - Clay - Waxes
219 East North Water Street Phone Superior 5940 Chicago, Ill.

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IMPORTERS
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GUM KARAYA
GUM TRAGACANTH
PAUL A. DUNKEL & COMPANY INC.
82 WALL ST. NEW YORK N.Y.
HAnover 2-4436

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Catch hold now, and swing with it. You'll be able to see over the bushes.
Buying is increasing. Get after your share by advertising in the
OIL, PAINT AND DRUG REPORTER

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A standardized and clarified pyrethrum extract. Write to us today for further information.
McCORMICK & CO., Inc.
BALTIMORE, MARYLAND
STANDARDIZED PYRETHRUM AND DERRIS PRODUCTS

CRUDE DRUGS
PEEK AND VELSOR INCORPORATED
100 GOLD ST. NEW YORK
ESTABLISHED 1840
WAREHOUSE AND MILLS, JERSEY CITY, N.J.

TRADE MARK

to be firm in the absence of more than moderate unsold stocks on the spot market.

Gums

Arabic.—The spot market was fairly active but conditions kept competition to the fore and prevented prices from fully reflecting the position of the article in the primary market. Stocks on the spot were reported to be ample for present needs.

Asafetida.—Somewhat more demand for powdered material was noted and the market on that item became firmer as the week passed. Lump was in routine and, usually, jobbing request. Prices were firmly maintained.

Benzoin.—Sumatra gum was in light demand. Trading was on a hand-to-mouth basis and consisted mainly of jobbing requirements. Prices, however, were declared to be somewhat firmer than they had been.

Guaiac.—The market was firmer. No further reduction came in prices and on the whole sellers were little disposed to accept bids. Stocks, by the most liberal estimate, were conservative in size and past experience with arrivals suggested to sellers that no large increase was likely for some time to come.

Sandarac.—The primary market prices were strong and high. Furthermore, the tendency was toward still further advance because of the very small stocks and the presence of good export demand at the source. Locally, the market fully reflected the situation abroad.

Herbs and Leaves

Damiana.—The unsettlement that recently brought a reduction in prices was still prevalent on spot last week. Quotations were shaded again, bringing them to the basis of 13c. to 14c. per pound. Competition was rather keen at all times.

Henna.—Competition was current to an important extent and while prices were unchanged, they were kept at low and, according to some, unprofitable levels. Demand was normal.

Lobelia.—Prices have not been advanced further. Some quarters said the article was making a larger crop than had been expected a few weeks back. However, the market continued to show strength in undertone.

Marjoram.—Prices were lowered by competition. The market on French goods was 18½c. to 19c. per pound, and 17½c. to 18c. ruled on Tunisan material. Demand was narrow.

Stramonium.—A substantially firmer market was the rule. Sellers were no longer disposed to accept bids, nor were they inclined to reduce voluntarily prices when orders were in sight. The strengthening of the market has been caused by the very stable cost of the article abroad.

Miscellaneous

Colocynth Pulp.—Some quarters sold as low as 60c. per pound last week. The range was to 65c. This was a competitive development that seemed to be out of line with the fact that stocks were none too plentiful.

Dragon's Blood.—The market was steadier. Demand has freshened somewhat and caused the tendency toward reductions to be checked. Reeds were well maintained last week at 90c. to $1 per pound.

Ergot.—What seemed to be the closing phases of the Spanish civil war were felt likely to be the forerunner of the re-establishment of commercial intercourse with that country. The market has been virtually nominal for many weeks because of importers' inability to contact Spanish shippers. Sellers continued to be reserved.

Lupulin.—The market was higher at $1.50 to $1.75 per pound and occupied a very firm position in keeping with the lack of more than moderate stocks of first grade merchandise.

Papain.—After a short period in which undertones seemed to have strengthened, this item turned easier again last week and competition held in check any previous tendency toward improvement in prices. Demand was moderate.

Roots

Gentian.—Commercial contact with Spain may be re-established shortly, as the recent war developments in that country made it appear that the revolution was in its last stages. What the future of gentian root shipments from Spain may be was still highly uncertain, and hence the market remained firm at the recent advances.

Ipecac.—No further easing of undertones was noted, and prices held firm last week. The season when manufacturing requirements usually increase was at hand, and sellers looked forward to a more active demand than had prevailed recently.

Mandrake.—Early in the season uncertainty prevailed concerning the probable collection of this root. However, a fair quantity has been laid in against the consuming needs of manufacturers during the next year. Prices were steady to firm.

Senega.—It has become apparent that the decline in prices usual for this article in the late Summer and early Fall seasons will not come this year. Local quotations were exceptionally steady throughout the past week. Development of renewed export demand was expected shortly from England and the Continent.

Serpentaria.—The advances in recent weeks were consolidated and a very firm market established on the spot at 55c. to 56c. per pound. Sales were made repeatedly at that level, and very little competition was reported. Replacement costs fully justified the local quotations, it was said.

Seeds

Canary—Morocco seed was a fraction lower at 6½c. to 7c. per pound. Turkish and Argentina seed held unchanged. Business was slack.

Caraway.—Quotations were shaded to 8½c. to 8⅝c. per pound, notwithstanding the fact that pending devaluation of the Dutch guilder made future replacement costs highly uncertain. All offerings from Holland stopped last week.

Celery.—Devaluation of the French franc caused stoppage of all offerings of shipment material from the French markets. Spot quotations were off slightly to 18c. to 18½c. per pound, but the development was purely local as to causes. India seed was down to 13c. to 13½c. Some expect that the cost of seed quoted in francs will be advanced.

Coriander.—Morocco seed was priced at 4½c. to 5c. per pound for the natural and 6¾c. to 6¾c. for the bleached variety. The slight concession from previous prices was evidence of more local competition.

Mustard.—California brown seed was slightly lower at 6½c. to 7c. per pound, but the yellow remained nominal at 7½c. English yellow was also off slightly to 9c. to 9½c. per pound. Other varieties lacked change in price. Domestic seed was in light supply because of comparatively poor crops in California and Montana.

Poppy.—Dutch seed sold at 7¼c. to 7¾c. per pound, according to quantity, last week, and the Polish variety was down to 7c. to 7½c. These concessions contrasted with the absence of any offerings of Dutch seed from the Holland markets. Pending devaluation of the guilder stopped business relations temporarily.

Spices

Clove.—Firm undertones prevailed on spot and in the primary markets. Local supplies were light. Demand was moderate but very steady, and added to the firmness prevailing in the price structure.

Ginger.—No further reaction in spot prices was noted. Sellers declared that conditions were slightly improved over those noted in the previous week. Fundamentally, the market was firm because of the absence of weakness in the numerous primary markets supplying the article.

Nutmegs.—Quotations on 110's were higher at 17½c. to 18c. per pound. Other varieties held unchanged. All primary markets were firm, and the West Indian markets particularly displayed a strength in keeping with the well-controlled supplies available for shipment.

Paprika.—Hungarian material was lowered to the basis of 23c. to 25c. per pound, as to quantity. Spanish goods held firm, mainly because of the uncertainty that prevails concerning future shipments from Spain. Civil war in that country seemed to be in its closing stages.

Peppers.—Black Alleppy pepper was higher at 8¾c. to 9¼c. per pound. Lampong was shaded to 4¼c. to 4½c. Tellicherry was higher at 9¼c. to 9¾c. White peppers lacked change. Mombassa chillies were advanced to 16½c. to 17c. per pound. These price fluctuations resulted from purely local changes in supply and demand. Prices in primary markets were maintained steadily.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

N.W.D.A. to Conform With Patman Act

(Continued from page 3)

In a resolution addressed to the Secretary of the Treasury the association asked that the regulations for the wholesaling of alcoholic liquors be made practicable and not burdensome; that entry of records within twenty-four hours be authorized; that sales of broken-case lots be put under the requirements of retail selling.

The efforts of the Prescription Protective Bureau were commended, and co-operation was offered for the furtherance of the bureau's work against substitution in the compounding of prescriptions.

Demoralizing Foreign Goods

The association repeated its last year's expression of antagonism for the demoralization of American business and the American standard of living by the importation of foreign goods of low standard of labor conditions and of quality; and, with the declaration that its action was kept within the limits of its legal rights, it urged wholesale druggists to give preference to American-made products when to do otherwise was to jeopardize the welfare of American labor and the living standards of the public.

Hearty approval was voiced in respect of co-operation by wholesalers in endeavors to build up better public recognition of the health service of the drug store. Members were urged to push distribution of the association's "Neighborhood Druggist" poster and its medicinal plant map for use in drug-store displays, special emphasis being laid on the particular opportunity afforded by Pharmacy Week. Approval was given the movement to revive the Druggists Research Bureau, reorganized along its original lines. The wisdom and value of helping the retail druggist to better conditions was set forth on several occasions, due recognition being given the fact that the better the business of the druggist, the greater his value as a wholesaler's customer. Various plans for helping the retailer through the functioning of the wholesaler's salesman were discussed.

Address on Patman Act

The biggest attendance at any session was that which heard James F. Hoge, New York attorney and counsel to the Proprietary Association, speak on "The Robinson-Patman Act—a Means to an End."

Mr. Hoge particularly analyzed the purpose of the Patman act and the potentiality of the act to effectuate its purpose. In his judgment the effects of the act will depend on the sense and purpose with which its provisions are interpreted by the courts. Commending its purpose, he pointed out the difficulties presented by lack of definiteness in its phraseology in endeavors, fully to understand its application.

In an analytical expression of judgment on the meaning of the act, Mr. Hoge pointed out the necessity of knowing its relation to the Clayton and related acts, and of appreciating the varieties in its wording among its several paragraphs and in comparison with the Clayton act. His address will be printed in full in the REPORTER, beginning on page 5 of this issue.

Col. Charles H. March, chairman of the Federal Trade Commission, attended the convention and spoke briefly, being, he said, a visitor and not there in the role of a speechmaker. He outlined the procedure of the commission and said that its desire was to work with business. It desired co-operation, he said, and it would extend co-operation, and willingly would hear the complaints of business. He declared that unfair trade practices are broadly demoralizing and should be ironed out.

The association did not elect any new active members at this convention. But, the associate membership committee set a new record, getting forty-five new members in that class and reinstating five others.

The report of the treasurer showed that the association's balance had increased from $2,740.61 a year ago to $11,543.09. Secretary E. L. Newcomb reported that 98 percent of the members in both classes were paid up in dues.

President's Address

The official address of President W. J. Schieffelin was an informative and instructive presentation of the progress made toward the purposes of the association in the past year. He paid particular attention to efforts to stabilize production and the work for reasonable and effective legislation against unfair and demoralizing practices and for greater safeguarding of the public in its need for drugs. His recommendations were heartily endorsed and comprised a number of the declarations of policy and purpose referred to above.

Addresses, other than those previously mentioned were given by the following:—

Ivan Page, of the National Association of Manufacturers, on "New Development in Employee Education."

James M. Doran, administrator of the Distilled Spirits Institute, on "The New Federal Alcohol Law."

Samuel Friend, of the Prescription Protective Bureau, on "Combatting Substitution."

Dr. Robert L. Swain, Baltimore, on "Teaching the Pharmacist the Advantages of Building the Prescription Department—Its Relation to the Wholesaler."

John Albright, of the Bureau of the Census, on "Drug Distribution as Measured by the Census of Business."

Earle A. Meyer, executive secretary of the advisory committee on advertising of the Proprietary Association, on "Hit and Run Advertisers."

Dr. Edward L. Lloyd, of the Marketing Research Division of the Bureau of Foreign and Domestic Commerce, on "Business Statistics for Wholesale Druggists."

John Towego, of Batten, Barton, Durstine & Osborne, on "Distribution Under Present-Day Conditions."

This year's reports by committees of the association were of more than usual value. They indicated a forward purpose of general improvement and wider service. Particular attention was attracted to the presentation of the association's new map of marketing areas by Kenneth Laird. In recognition of his services in the past several years through his study of marketing conditions, the association, through Charles A. Loring, chairman of the board of control, presented Mr. Laird with a beautiful wrist watch.

The New Officers

By unanimous endorsement of the candidates presented by the nominating committee, the association elected the following officers:—

President, Leo A. Lanigan, of the McKesson-Fuller-Morrisson Company, Chicago.

Vice-presidents, C. C. Caruso, of Schieffelin & Co., New York; W. J. Mooney, jr., of the Mooney-Mueller- Ward Company, Indianapolis; Henry Michaels, of McKesson-Langley-Michaels, Oakland, Cal.; C. F. G. Meyer, 3d, of the Meyer Brothers Drug Company, St. Louis; C. D. Doerr, of McKesson & Robbins-St. Paul, St. Paul.

Members of board of control, one year, G. V. Doerr, of McKesson & Robbins-Minneapolis, Minneapolis; three years, A. Kiefer Mayer, of the Kiefer-Stewart Company, Indianapolis; George B. Evans, of McKesson & Robbins, Inc., Albany, N. Y.; Robert J. Taylor, jr., of the Lamar-Rankin Company, Atlanta; E. A. Morrison, of the Standard Drug Company, Meridian, Miss.

A. Kiefer Mayer was elected by the board of control as its chairman.

Dr. E. L. Newcomb was re-elected by the board as executive vice-president and secretary.

The services of H. M. Bingham as Washington representative and those of Prof. H. J. Ostlund as director of the statistical division were retained.

Attendance at this year's convention was practically the same as that at last year's, the total registration being 825.

The association will return to White Sulphur Springs for its 1937 meeting, October 3 to 7.

A more detailed account of this year's convention will be published in a special section of the Reporter October 12.

Drug Store Chain Sales Increased in August

Average daily sales of chain drug stores in August, 1936, were 1.5 per cent higher than in August, 1935, according to preliminary estimates of the Bureau of Foreign and Domestic Commerce in a report issued in a monthly series. The greatest gain was shown by fountain sales which were 10.2 percent higher; tobacco sales decreased 4.5 percent, while all other sales registered no change from last year. Aggregate sales volume for August was $17,858,080.

Without allowance for seasonal variation, sales decreased 2 percent from July to August, this year. Tobacco sales dropped 0.2 percent; fountain sales 5.6 percent and all other sales 2.0 percent.

These figures are based on reports for identical stores from 55 chain organizations. Store units represented, numbering 2,110, were located in 46 states and the District of Columbia.

Hynson, Westcott & Dunning, Inc., held a sales conference at its home office in Baltimore, commencing October 1.

Essential Oils, Aromatic Chemicals

Pending Devaluation of the French, Swiss Francs, and the Dutch Guilder Brings Pause to Buying in Foreign Markets —Spot Quotations Firm—Business Good

Demand for essential oils and aromatic chemicals continued in very good sized volume last week. Buyers' requirements were well up to the seasonal totals to be expected and the result was a steady movement of stocks into consuming channels. Prices were steady and, in the instance of materials coming from France, Holland, and Switzerland—and their colonial possessions—values were substantially firmer because of monetary developments abroad.

Since the previous report, France, Switzerland, and Holland adopted a policy of currency devaluation. The plans called for a reduction in the gold content of the French franc, the Dutch guilder, and the Swiss franc. None of these countries, to the time of this writing, had adopted by law the new gold content, but the fact that the content was to be reduced was reason enough for the prompt stoppage of shipment offerings of merchandise.

The immediate effect of devaluation would be to increase the purchasing power of the dollar:—the dollar would buy more francs and guilders because the dollar value of them would be lower. Against this was the reasonable probability that manufacturers and shippers abroad would advance their prices quoted in native currency in order to offset the advantage accruing to the dollar by reason of the devaluation. It was for this reason that dealers were disposed to go slow pending the final setting up of replacement values.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

None

Comparative Values

Index number compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
75.0	75.0	75.7	68.7

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Almond. — Unabated strength ruled the prices on sweet true oil. To the strength caused by the inability of French makers to get almonds from Spain, was added the possibility that the devalued French franc would cause an advance in the franc price for oil in France when offerings shall be resumed. Naturally, the uncertainty of the foreign situation made all sellers reserved.

Angelica. — Foreign market prices were very firm. Replacement costs were uncertain and the tendency abroad was upward. Spot sellers maintained prices fully and were reserved in their offerings.

Anise.—The market lacked improvement. Scarcity of stocks abounded and all sellers kept sales down to quantities within the actual needs of buyers. China failed to offer anything. The situation was very tight.

Bergamot.—Prices held firm. Costs abroad were maintained fully and the fact that a new crop is pending was absolutely without easing effect on foreign values. Spot sellers reported moderate demand and firm prices.

Cassia.—Although supplies were adequate and replacement costs were fairly favorable, the market on this item lacked new developments of importance. Somewhat better request was reported in a few quarters, but on the whole the status quo remained.

Cedarleaf. — The market became steadier at the recent decline. Stocks have improved somewhat because of deliveries from the primary market. It will be recalled that a real shortage forced severe advances in prices during the past year. The situation seemed to be tending back toward a condition closer to normal.

Citronella.—Firmness was the leading characteristic of Ceylon oil. Advances in replacement costs have been supported by a very good request and the entire situation showed signs that the recent improvement in conditions had been no flash in the pan. Demand was good and prices held firm on the spot.

Clove.—The situation was upset somewhat by the fact that the sources of raw material sell it in French francs and the latter were due to be devalued as to gold content to meet the gold crisis in France. Oil was very firm and virtually certain so to remain, especially as demand was very good.

Coriander.—A strong market continued to prevail. Demand has been kept down by the inability of buyers to secure normal deliveries from the dealers. Stocks were very low and prospects for early return to a state of normal supply were not promising.

Croton.—Prices have not been reduced further, and it seemed probable to the trade that stabilization at approximately current levels would be achieved. Demand continued along narrow lines set mainly by the jobbing requirements of a limited number of buyers.

Dill.—The underlying strength of the market was evident, in that attempts to bid for supplies resulted in failure most of the time. Demand has been the kind to be expected in the season of the year when the picklers' manufacturing operations increase steadily.

Eucalyptus.—Reports locally were to the effect that the inability of Australia to make normal offerings was caused in part by the stoppage of exports from Spain. Civil war in that country ended commercial relations some time back. Although the war seemed to be nearing an end, uncertainty concerning Spanish production remained a positive factor in the world markets.

Geranium.—Pending the final outcome of the French devaluation of the franc, international trade in this item has come to a virtual stop. Devaluation would mean increased purchasing power for the dollar if prices quoted in francs were not advanced sufficiently to offset the loss in value of the franc. The market was quiet, but sellers were disposed to go slow until the future be clearer.

Ginger.—A strong situation continued to prevail. Production costs were recently forced up by the imposition of a duty on raw material. Since then, no appreciable decline in the basic cost of raw material has taken place. Hence, the oil market held firm, even though demand did not press strongly.

Lavender.—The future cost of French oil was highly uncertain. The dollar value of the franc is to be reduced, a development that would increase the purchasing power of the dollar spent in France. Against this favorable condition was the more than reasonable probability that French shippers would raise the price of flower oil quoted in francs, this to offset devaluation. The market had been strong prior to the monetary developments abroad last week. It still was strong, especially as stocks will probably be conservative in size this year.

Lemon.—The market was very steady. Considering the fact that production of new crop oil has probably started abroad, the firmness of quotations in all markets was somewhat surprising. Demand was moderate in this market. So were stocks. Prices were firm.

Lemongrass.—Replacement costs were well sustained for the most part, although one cable came in at a slightly lower level. Spot quotations were steady and undertones appeared to be firm because of an absence of unusual competition.

Lovage.—Further reduction in replacement costs failed to develop. In fact, the foreign market seemed to be

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

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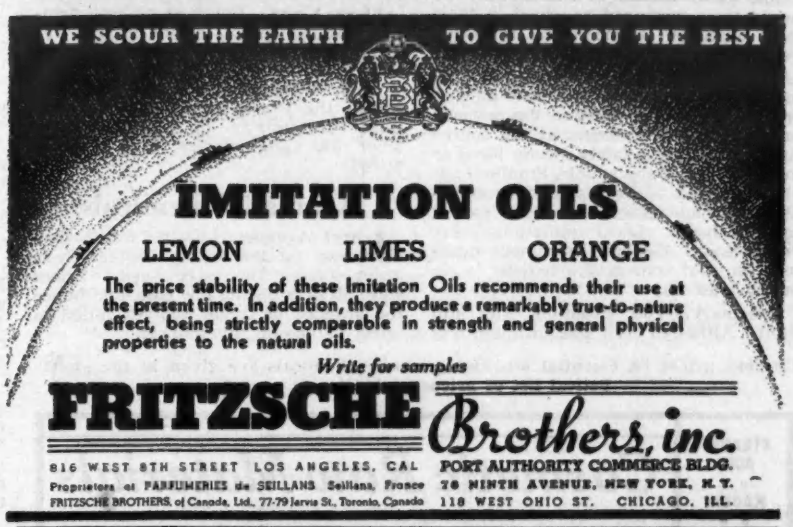
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Proprietors of PARFUMERIES de SCILLANS Seillans, France
76 NINTH AVENUE, NEW YORK, N.Y.
FRITZSCHE BROTHERS, of Canada, Ltd., 77-79 Jarvis St., Toronto, Canada
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ESSENTIAL OILS — Odors and Flavors for All Purposes
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Two of the most important items in our Factory. We can guarantee to furnish you with the highest quality obtainable.
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firmer if anything. Locally, demand was routine and consisted only of small orders.

Orange.—Conditions changed little. Demand was a shade less active, but prices were unaffected by the limited contraction in consuming request. Quotations seemed to be very steady, surprisingly so, in view of the fact that the season of new crop production in all markets supplying the article is not far off.

Origanum.—Although contact with Spanish shippers was still cut off, the manufacturing requirements of buyers have been supplied readily from spot stocks without prices on the oil being forced higher. The call last week was distinctly routine.

Pennyroyal.—The fact that the civil war issue in Spain seemed close to a solution, however temporary, failed to ease the strained position of imported oil on this market. Sellers were still unable to get assurance of normal shipments from abroad in the future and hence they continued reserved in their local dealings. Domestic oil remained very steady.

Peppermint.—The status quo remained. Demand was moderate on spot and not especially active in the primary market. Large producers at the source continued to hold fairly strong ideas as to the future of the article. Smaller ones alone seemed to be disposed occasionally to shade prices in order to get cash in hand. Local quotations were very steady. Several prominent quarters on spot expect the article to do better later on.

Rosemary.—The situation was still tight. Although civil war in Spain was apparently in its closing stages, the question of supplies to be forthcoming from that country was still uncertain. Until importers and dealers know how much oil will be available for export, it was expected that the local trade would continue to be reserved in their offerings.

Spearmint.—Prices were about steady. Locally, the trade was awaiting further developments in the Middlewest. In the primary market, sellers stated that the market was basically firm because of the absence of a surplus of supplies. Demand was mainly for prompt requirements.

Vetiver.—The pending devaluation of the French franc was reason enough for foreign shippers to stop offering until such time as they can know exactly the value of their money as well as the general result of the official reduction of the gold content of the franc. Spot quotations were firmer as dealers here expected that the price of replacement oil quoted in francs would be advanced.

Ylang Ylang.—Bourbon oil was firmer. The future cost of the article was made uncertain when France moved to reduce the value of the franc. Unless shippers advance the price quoted in francs, the United States dollar would gain substantially in buying power when the value of the franc was reduced.

Aromatic Chemicals

Benzyl Acetate.—Inquiry was rather light and on the whole business was quiet during the past week. Prices were already on the low side, and hence the absence of larger request failed to affect values on this market.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

STEARIC ACID • • KAOLIN • • RICE STARCH • • ZINC OXIDE • • Complete List Upon Request

Cosmetic Raw Materials

Detailed information gladly supplied

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A. M. TODD CO.

Growers, Distillers and Refiners of

ESSENTIAL OILS

CRYSTAL WHITE—DOUBLE DISTILLED

PEPPERMINT, SPEARMINT, WINTERGREEN, Etc.

Main Office and Works

KALAMAZOO, MICH., U.S.A.

make— quality

Amyl Butyrate Northwestern

Methyl Benzoate Northwestern

These two esters are in general use for both flavoring and perfumery purposes.

INCORPORATED 1882

The Northwestern Chemical Company

The Largest Makers of Butyric Ether in the World

WAUWATOSA WISCONSIN

Benzyl Benzoate.—A fairly competitive spot market prevailed on this material and while quotations lacked change, they seemed to be slightly easier if anything. Stocks were reported to be ample in size.

Bromstyrol.—Jobbing business was very good. Buyers were in the market often and the result was a satisfactory total volume of sales. Prices continued to be well stabilized in all directions. Stocks were ample.

Citral.—A somewhat firmer position on raw material tended to strengthen citral somewhat on the spot last week. Also, demand was reported to be a trifle more active, a condition contributing to the improved situation.

Crataegone.—The liquid and crystal alike were in good request. Trade was normal and firmness in prices was a natural result. Supplies were well up to the current volume of requirements.

Dimethyl Hydroquinone.—Request was irregular. Small orders were the rule, and not a great deal of such business was current. Prices held unchanged in the absence of much competition.

Eucalyptol.—The market was considerably stronger. Raw material stocks were none too plentiful because of the fact that Spain, as a supplier, has been cut off from making shipments for a long time past. Also, the future of supplies from Spain was in doubt. The tendency in eucalyptol prices was upward.

Geraniol.—Trade was rather quiet. Buyers bought close to actual requirements and found little difficulty in placing business. Stocks were ample as concerned all qualities of material. Quotations were very steady.

Geranyl Acetate.—Inquiries were more numerous and some said that actual sales had increased within moderate limits. First costs seemed to be well stabilized at levels leaving little opportunity for price competition between suppliers.

Ionone.—The usually satisfactory movement of this article was reported and hence the undertone of the market continued to be very steady. Prices were well maintained in the absence of much competition.

Linalool.—Quotations continued to be steady. In the absence of much competition, sellers maintained a firm price on this item and continued sales of satisfactory quantities gave added stability to local values.

Linalyl Acetate.—Interest was confined to quantities to cover immediate requirements. Larger purchases were in abeyance for the time being. However, leading sellers saw no reason to expect any early change in values.

Methylphenyl Acetate.—Quotations for a quality article prevailed at $2.15 per pound, and according to local reports ample supplies of the article were available thereat. Demand was routine.

Paracresol Acetate.—Demand was good at $3.85 per pound. Interest in the methyl ether was said to be about normal and prices were firm. The phenylacetate was rather more quiet, but prices held.

Vanillin.—The very firm position of eugenol, being the result of the price of clove oil, continued to make vanillin a very steady article in which the price tendency, if any, was upward. Demand was very good, though it was possibly somewhat less than it had been of late in the resale market.

Fritzsche Expands Branches

Fritzsche Brothers, Inc., essential oil house, this city, has augmented the sales staff of two of its important branches. Charles H. Milton has been transferred from the New York plant to New England territory, where he will assist M. J. Niles, manager of the Boston office. Warren R. Godfrey, formerly production manager of Lang's beverages, Buffalo, has been sent to the Philadelphia office, from which center he will cover parts of Pennsylvania and New Jersey, the District of Columbia, Maryland and Virginia. Rearrangement for this territory, parts of which were covered formerly by Wiliam F. Kiefer and George R. Fellows, was made necessary by greatly increased business. Fritzsche Brothers has removed its Philadelphia offices to 12 South Twelfth street, one of the city's newest office buildings.

Schimmel & Co., essential oils and aromatic chemicals, this city, illustrates its price list for September with a photograph of a section of the modern plant of Schimmel in Germany.

Oils, Fats and Waxes

Fats and Waxes

(Continued from Page 43)

7c.; yellow, 16-20, 5½c. to 5¾c.; brown, 6c. to 6¼c.

STEARINS (barrels).—Prime oleo, 9⅞c. to 10c. per pound; lard, packages, 12¼c. to 12½c.; A white grease, 7¼c. to 7⅜c.; yellow grease, 6¾c. to 6⅞c.; extra oleo stocks, 10½c. to 11c.; No. 2 stocks, 9½c. to 10c. (Oleo stocks in car lots.)

Liverpool, Oct. 2.—Quotations per cwt. on refined American lard were as follows:—

	Spot.		October.		January.	
	s.	d.	s.	d.	s.	d.
Saturday	59	0	54	6	54	6
Monday	60	0	54	9	54	9
Tuesday	60	0	54	0	53	6
Wednesday	60	0	54	6	54	3
Thursday	60	0	54	9	54	3
Friday	60	6	54	6	54	0

Liverpool, Oct. 2.—Quotations per cwt. on tallow were as follows:—

	Choice.		Fine, good mixed.	
	s.	d.	s.	d.
Saturday	23	7	24	0
Monday	22	9	24	3
Tuesday	22	9	24	3
Wednesday	24	3	24	3
Thursday	..	..	..	..
Friday	..	..	..	..

Fatty Acids

Red Oil.—Quotations were held at previous levels by producers, the tone of the market apparently being firm in the absence of any change in the position of basic material. There was a fair demand from local and other buyers.

Stearic Acid.—With raw material still in a firm position, quotations on stearic acid were without change and the tone of the market was regarded as firm. Business lacked snap, but there was a fairly active demand for moderate quantities to fill current or nearby requirements.

Markets at Other Centers

Chicago, Oct. 2.—Fatty acids quotations about steady. Buyers seem to be paying some little attention to conditions existing in the primary markets. Offerings of material are ample, but not overly large so as to depress the market.

FATTY ACIDS.—Corn oil, double distilled, 6½c. to 7c. per pound, tankcar; 7c. to 7½c., barrels, car lots; 7½c. to 7¾c., barrels, less than car lots; coconut oil, acidulated, 6¼c. to 6¾c., tankcar, mostly nominal; 6¾c. to 7¼c., barrels, car lots; 7¼c. to 7¾c., barrels, less than car lots; cottonseed oil, double distilled, 6c. to 6¼c. per pound, tankcars; 6½c. to 7c., barrels, car lots; 7c. to 7½c., barrels, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 3¼c. to 3½c.; boiled down soap stock, 65 percent basis, 4¼c. to 4½c.; cottonseed foots, 50 percent basis, 1⅞c. to 2c.

STEARIC ACID.—Single press, distilled, 10c. to 11c. per pound; double press, 10½c. to 11½c.; triple press, 13¼c. to 14¼c.

RED OILS.—Distilled or saponified, drums, 10c. to 11c. per pound; barrels, 10½c. to 11½c.

Waxes

Bees.—The market was strong at the recent advance in prices on crude. All primary markets have gained steadily in strength of late and for the most part foreign exchange has been unfavorable to buyers in this country—an added strength to the already strong situation. No further rise in prices was noted last week, but values were well held and demand was good.

Candelilla.—The primary market was steady and prices were well held to firm position. Locally, a routine request kept weakness clear from local values and the undertone of the market tended to be firm.

Carnauba.—No further shading of spot quotations was reported. On the contrary, conditions locally seemed to be somewhat improved and a steadier undertone prevailed. Business was reported to have been fairly good. Interest in shipment parcels increased moderately and the call for spot deliveries was at least up to that in recent periods. Prices were maintained on the spot. Stocks were of moderate size, but seemed still to be sufficiently large to keep values favorable for buyers with business in hand.

Japan.—The market sagged slightly on spot, mainly because local sellers refused to hold quotations well into line with the recently higher replacement costs cabled from the primary market. Demand was usually of jobbing size on the spot last week.

S. Bayard Colgate, president of the Colgate-Palmolive-Peet Company, reports that the board of directors has approved the granting of yearly vacations of one week with pay to its hourly wage employees who have served for one year.

Petroleum Solvents, Lubricants, Fuels

Motor Fuel Interest Recedes as Winter Oils Come to the Fore —Industrial Oils Steady—Texas Measure Would Increase Crude Production Tax

The refined petroleum market continued in a state of transition last week whereby motor fuels have been yielding market prominence to heating oils and Winter specialties. Petroleum products used as industrial raw materials passed through a routine week and while reports from the Midcontinent indicated a decreasing interest in v.m.&p. naphthas, the Eastern market held a fairly good measure of activity. The rubber solvents continued in the vanguard of the market for these products and the September consumption of solvents by the tire and rubber products manufacturers was said to have been excellent. Prices at the refinery markets in the Midcontinent, East coast and far West, continued steady, and the tankwagon prices were without further disturbance since the revision of quotations throughout the Middle Western States a week ago.

One of the provisions of an omnibus tax bill introduced before the Texas Legislature last week provided for an increase from 2c.' to 2¾c. per barrel on crude oil production. The measure also provided that the tax would change to a percentage of the market value of oil when the price exceeds $1 per barrel.

The Eastern gasoline market was soft and reflected the weakened condition of the Midcontinent market. Perhaps the foremost development of the week in the Eastern oil market was an advance in the price of bunker C oil at Atlantic and Gulf Coast terminals.

Daily average production of crude oil in United States for the week ended September 26 was 3,030,050 barrels, a decrease of 6,950 barrels from the preceding week's average of 3,037,000 barrels, according to the estimate of the American Petroleum Institute which omits any oil that might have been produced surreptitiously. The average for four weeks ended September 26 was 3,024,100 barrels and the average at this time a year ago was 2,763,200 barrels. Runs of crude through stills were reported as having averaged 2,774,000 barrels for 78.4 percent of refinery operation and, according to the A. P. I. an additional 216,000 barrels were unreported for a total of 2,990,000 barrels against 3,010,000 barrels in the preceding week. Crude oil stocks September 19 were 297,950,000 barrels against 298,448,000 barrels September 12, according to the Bureau of Mines.

August foreign shipments of crude oil at 5,561,000 barrels were 1,103,000 barrels above July and 615,000 higher than August, 1935. Kerosene exports, 607,000 barrels in August, were 133,000 barrels over July and 88,000 barrels higher than August, 1935. Outward shipments of lube oils during August were 25,000 barrels ahead of the July figure of 676,000 and nearly 107,000 barrels higher than August last year. Residual fuel oil exports at 918,000 barrels represented a gain of 337,000 barrels over July, 95,000 more than August last year. Gasoline exports were 1,909,000 barrels during August, 147,000 less than July and a decline of 544,000 barrels from the abnormal August, 1935. Gas and distillate fuel oil shipments abroad during August were 212,000 barrels under July, but nearly 130,000 barrels higher than August, 1935.

Solvents and Diluents

Tankwagon prices for petroleum solvents and naphthas held without further shift last week. The price reduction in the middle Western area a week ago was the latest change made. The Eastern tankwagon market has held firmly over the past several weeks. Conditions in the refinery districts were unaltered from a week ago and Midcontinent prices held steady against the softening influences of the gasoline market. Consumption of v.m.&p. naphthas, Stoddard solvent and others in this group held up fairly well last week albeit the Midcontinent area reported a slackened interest from the manufacturers of surface coatings.

Cleaners' Naphthas.—The recent reduction in the tankwagon market throughout the mid-West did not spread to other marketing areas last week. Conditions surrounding the refinery market were steady and unchanged from a week ago as refiners in the Midcontinent area quoted 7⅜c. to 7½c. per gallon for tanks, basis Group 3.

Hydrogenated Naphthas.—There has been no change in the prices for the several grades of these naphtha cuts. The demand side of the market has been favored with fairly active calls for replacements.

Petroleum Thinners.—The reduction in the tankwagon prices throughout the states of Michigan, Indiana, Illinois, Wisconsin, Minnesota, Missouri, Kansas, North Dakota, South Dakota and Iowa, which was effected a week ago, was the latest change in the market. Eastern prices have been holding steady. The tankcar market at East coast, Midcontinent and far Western refineries was unchanged.

Rubber Solvents.—These materials continued in the vanguard of the solvents market insofar as demand was concerned. September withdrawals against contracts were well proportioned. Quotations at the Midcontinent continued without change last week.

Stoddard Solvent.—The Western tankwagon market did not undergo further disturbances last week and prices held at the reduced level of a week ago. The tankcar market at Midcontinent and East coast refinery points was also unchanged and supported by a fair-sized demand.

V.M.&P. Naphthas.—Conditions surrounding this commodity were generally steady. The mid-Western tankwagon prices were steady at the reduced basis of a week ago but the 0.6c. per gallon reduction in the middle West did not spread to the Eastern territory. Quotations at the refinery points were unchanged.

Markets at Other Centers

Chicago, Oct. 1.—The petroleum solvents and diluents market held its own, with no price change. Inquiries were frequent, together with actual orders, and sellers felt that no immediate difficulty will be encountered in continuing prices along lines where they have been ruling for some time. Takings by various industries were up to expectations. Ruling prices in tankcar lots except as noted are (tankcar prices f.o.b. Group 3, Oklahoma).—Blending naphtha, 4½c. to 4¾c. per gallon; cleaners' naphtha, 7⅜c. to 7½c., tankcar; 15.5c., tankwagon; petroleum spirits, 6⅜c. to 6½c., tankcar; 16.2c., tankwagon; lacquer diluent, 8⅜c. to 8½c.; rubber solvent, 7⅜c. to 7½c.; Stoddard solvent, 6⅞c. to 7c., tankcar; 16c., tankwagon; v.m.&p. naphtha, 7⅜c. to 7½c., tankcar; 16.5c., tankwagon.

Tulsa, Sept. 30.—Despite the draggy tone of the gasoline market, there was no indication of softness in the solvents. Stoddard and cleaners' naphthas continued quoted at 6⅞c. to 7⅛c. per gallon. V.m.&p. naphtha is in lighter demand. However, in other grades the movement is considered fair.

Lighter Fractions

Petroleum hydrocarbons in the light solvent fraction group have held a steady price position since the general revision of the schedule a few weeks ago. Industrial demands were sizable and compared favorably with those of recent weeks. As reported a week ago, a large refiner will build a propane-butane plant in the East. It was understood last week that it will be ready for operation in March or April of next year.

Butanes.—The market held its long standing position. Quotations continued at 2¼c. to 3¾c. per gallon for tankcar quantities of material testing up to N.G.A. specifications, for tankcar quantities, f.o.b. Group 3.

Hexanes.—The normal grade remained at 10½c. per gallon in tankcars, 13c. in drum cars and 17c. per gallon in less than carlot quantities, f.o.b. Group 3. The laboratory grade was unchanged from the recently established figure of 16c. per gallon in drum cars.

Octanes.—The position of this mixture remained unchanged at the recently raised price of 8½c. per gallon for tankcar lots at Group 3. Drum cars remained at 11c. per gallon.

Pentanes.—The revised price level which was established a few weeks ago continued through the past week, and the market appeared quite steady. The laboratory grade was posted at 19c. in drum cars.

Petrolatums and Waxes

White Mineral Oils.—Purchases of medicinal and technical oils during the month just ended were comfortably increased over the aggregate for August, and business continued with a fair amount of life during the opening days of the current month. Colder weather should stimulate the market. Prices continued unchanged.

Paraffin Waxes.—The past week was a quiet period, but trade usually improves in October with the arrival of colder weather. Scale material was held in strong hands and the prices were firm at 2.40c. per pound for 122-124 A.m.p. and 2.45c. per pound for 124-126 melting points. The fully refined grades continue steady at the long-standing price schedule.

CHICAGO, Oct. 1.—A fairly strong market situation continued in the refined petroleum wax situation. Prices held unchanged. Sellers reported little difficulty in getting continued firm prices for their material, with a rather good amount of business being transacted at the present and with a good flow of inquiries. Ruling prices are:—122-124, 4.65c. to 4.75c. per pound; 125-127, 4.9c. to 5c.; 127-129, 5.05c. to 5.15c.; 130-132, bulk or bag, 5.45c. to 5.55c.; 132-134, bulk or bag, 5.7c. to 5.8c.

TULSA, Sept. 30.—The paraffin wax market was unchanged at 2½c. per pound for 122-124 A.m.p., with a good demand and bright prospects.

Petrolatum.—There was further evidence of improved demands against contract last week. The prices for amber and white grades continued steady. Petrolatum inventories made from Pennsylvania grade crude totaled 890,432 gallons for the week ended September 24, against 858,567 gallons in the preceding week, according to the National Petroleum Association.

Fuels and Lubricants

The East coast refinery gasoline market continued rather soft and reflected the weakened condition of the Midcontinent market. The 65 octane grade of motor fuel continues as the weakest item in the market and buyers could have shaded the posted prices by a liberal margin. The foremost development in the refined oil market last week was an advance in the price of bunker C oil at Atlantic and Gulf Coast terminals. Diesel oil did not change. Pennsylvania neutrals were higher last week, but bright stocks from the same refining district were reduced.

Tankwagon Price Changes

LOUISIANA DISTRICT.—Tankcar, tankwagon and service station gasoline prices were advanced ½c. per gallon by the Standard Oil Company of Louisiana, September 28. The advance was ½c. per gallon throughout the company's territory except in New Orleans, Briston and Knoxville, Tenn.

Market Conditions

Gasoline.—The Eastern refinery market was unimproved last week. The 65 octane grade of U.S. motor was shaded liberally and according to some reports, it was available at 6½c. per gallon in tankcars at refinery. The price posted by leading refiners was 7c. per gallon, basis refinery and 6¾c. per gallon could be worked in several directions. The 62-63 octane grade is posted at 6¾c. per gallon by the leading refiners in the area. The demands of the market were mild and jobbing interests purchased close to their immediate needs. The Gulf export market for 64-66, 375 e.p. material was higher last week at 5½c. per gallon, an increase of ⅛c. per gallon over a week ago. Other grades at the Gulf remained unchanged at follows:—U.S. motor, 5⅛c. per gallon; 60-62, 400 e.p., 5¼c. per gallon; and 60-62, 390 e.p., 5⅜c. per gallon.

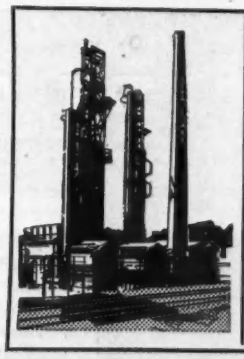
Kerosene.—There was evidence of additional interest in the local refinery

The State of the Petroleum Market

There were no changes in crude oil prices last week. Gasoline prices at refinery points were unchanged. Tankwagon and service station gasoline prices were lowered in the Louisiana district but not at New Orleans.

	Oct. 2	Sept. 25	Last Year
Crude petroleum prices at well (average for ten fields) per barrel	$1.276	$1.276	$1.056
Gasoline prices at refineries (at four refining centers) per gallon	.054375	.054375	.05375
Gasoline prices at service station (average for ten marketing centers—including tax) per gallon	.1932	.1932	.1891

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7



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Outputs and Quotas

A comparison of suggested crude oil production for September as recommended by Secretary Ickes and the American Petroleum Institute's estimate of crude production for the week ended September 26, follows:—

	Federal agency allowable.	Estimated output.
Oklahoma	583,000	580,350
Kansas	160,000	170,000
Texas	1,123,900	1,156,300
Louisiana	186,200	238,650
Arkansas	30,500	28,000
Eastern (not including Michigan)	107,100	112,600
Michigan	31,300	29,800
Wyoming	37,200	43,600
Montana	13,500	15,900
Colorado	4,500	4,900
New Mexico	71,600	79,550
California	535,200	569,300
Totals	2,864,000	3,030,050

market last week. Inquiries were more frequent and actual purchases were a little broader. The condition of the market was still somewhat soft and although the leading refiners of 41-43 water white material posted 4½c. per gallon as the market price for tank-car quantities at the refinery, that figure could have been shaded. The Gulf export market was unchanged last week at 3¾c. per gallon for prime white and 4⅛c. to 4¼c. per gallon for water white.

Fuel and Gas Oils.—Quotations for C grade bunker oil advanced 5c. per barrel, Friday. The price was advanced to $1.15 per barrel at local terminal points. The $1.15 price also represented the market at Boston, Baltimore and Norfolk. The Charleston price is now $1.10 per barrel. The Gulf price was advanced 5c. per barrel also. Diesel oil did not change with the boost in the bunker market.

Lubricating Oils.—Pennsylvania oil prices were revised last week. Bright stocks were lowered to the level at which recent treads have been made and neutrals advanced. Regular pour bright stocks were quoted at 24½c. per gallon, including tax, a reduction of ½c. per gallon. The neutral oil advance of ½c. per gallon placed 150 viscosity at 23c. per gallon; 180 viscosity at 24½c.; and 200 viscosity at 27c. per gallon. The price of 600 steam refined cylinder stock moved off with bright stock and was quoted at 15½c. per gallon. All of the aforementioned prices were inclusive of tax.

Markets at Other Centers

Tulsa, Oct. 1.—An increasing movement in burning oils through the mid-continent fields brought a seasonal development long awaited. Trading was the heaviest since last winter and with this increased demand a higher price structure was being built. Refiners reported a better movement of kerosenes and tractor fuels also.

A few refiners reported that the refinery gasoline market had better tone. However, orders were not so plentiful as they were a week or two ago and several observers foresee the possibility of a statistical change in the inventory position. Last week withdrawals from storage declined to one-half of one percent of total stocks, indicating a tapering off in liquidation, which forecasts an early termination of this movement and once more cause an increase of inventories. This was looked upon as one of the unfavorable developments, as motor fuel storage was already 17 percent greater than at this time last year.

The natural gasoline situation, however, presents quite a contrast and the tone was tighter than at any time this year and delays in shipments were beginning to be felt by buyers. Stocks were probably more than 50 percent lower than last year. Manufacturers were working with buyers in order to prevent a runaway market which could easily develop. They were holding down prices, they say, due to the parity of refinery gasoline prices having been reached. They are making efforts to prevent the level of the 26-70 grade exceeding the price of the U. S. Motor grade.

GASOLINE (refinery).—U. S. motor continued at 4⅜c. to 4½c. in the resale market. There was also some 63 octane offered for immediate spot movement at 4½c. In the trade, the U. S. motor was quoted at 4⅝c. The 63-67 is generally from 4⅝c. to 5c. per gallon while the 67-70 at 5¼c. and the 70 at 5⅜c. to 5¾c. per gallon.

GASOLINE (natural).—The 26-60 grade remained at 4½c. in Oklahoma and 4¼c. in Texas. The next active grade, 22 pounds, is quoted at 4⅞c. to 5c. in Oklahoma and ¼c. less in Texas.

KEROSENE.—Prices continued unchanged at 3c. for 41-43 grade and 3½c. on contract, while the 42-44 is quoted from 3¼c. to 3⅜c. per gallon.

DISTILLATES.—A stronger position was found in all grades although the heavier numbers are leading. The latter continued scarce although the better quotations were bringing out supplies whereas formerly prices were nominal. Even the No. 1 prime white shared in the strength and was quoted 3½c. to 3¼c. per gallon to jobbers while the straw is 3c. to 3⅛c. The No. 2 straw and dark and No. 3 zero were quoted alike in the resale spot market at 2⅞c. to 3c. while 15 degrees above are 2⅝c. to 2¾c. per gallon.

FUEL OIL.—The lower cold tests and viscosities were in better demand this week. The 24-28 degree is variously quoted from 80c. to $1.05 per barrel while the 6-12 degree grades are quoted from 50c. upward a barrel.

LUBRICANTS.—The price war that broke earlier in the week reduced the neutral grades. Today, mid-continent refiners lowered lubricants from six-tenths of a cent in the light blended oils to 2¾c. per gallon in neutrals. Bright stocks were lowered ½c. making new prices for 150 D pour at zero to 10, 18c.; the 100 D zero to 10 is 16½c.; in neutrals, 200 three color is now 10c. per gallon while 250 three color is 11c. and 280 three color is also 11c. Light blended oils are 11.7c. to 12.7c. for 20 grades while 30 grades range from 13c. to 13.9c. per gallon.

Chicago, Oct. 1.—Tankcar petroleum markets are showing a tendency to firm up and stabilize, after a period of softness and uncertainty. Price improvement in the gasoline situation is small or non-existent at the moment, but among refiners the market tone is generally admitted to be better and some are predicting higher prices by small fractions, immediately. Offerings are limited. The indicated gasoline demand is holding up well into the early autumn period. Kerosene is beginning to move higher, with available material not large and with buyers more interested. The good grades of domestic fuel oils also stronger and in decidedly better demand. Heavy fuel oils are giving a good account of themselves. Lubricating oils are quiet.

GASOLINE.—Low octane motor, 4½c. to 4¾c. per gallon; middle octane motor, 5c. to 5⅛c.; high octane motor, 5½c. to 5¾c.; 60-62, 400, 4½c. to 4¼c.; 64-66, 375, 4¾c. to 5c.; 68-70, 360, 5c. to 5½c.

KEROSENE.—42-44, water white, 3⅜c. to 3½c. per gallon; 41-43, water white, 3⅛c. to 3¼c.

FURNACE OILS.—No. 1 white, 3c. to 3⅛c. per gallon; No. 1 straw, 2⅞c. to 3c.; No. 2 straw, 2¾c. to 3c.; No. 2 dark, 2¾c. to 3c.; 32-36, dark, industrial gas oil, 2½c. to 2⅝c.

FUEL OILS.—No. 3, 2¾c. to 3c. per gallon; No. 4, 95c. to $1 per barrel; No. 5, 72½c. to 75c.; No. 6, 62½c. to 67½c.

New Orleans, Sept. 28.—Steadiness was again reflected in domestic market quotations—with prices of the previous week remaining unchanged. Foreign inquiries and exports were both reported good. U. S. motor gasoline was quoted at 5⅞c. per gallon at refinery. U. S. motor below 62 octane was quoted at 5⅞c.; 63-67 octane at 6⅜c. and 68-70 at 6⅞c.—all of the foregoing quotations being based on a per gallon rate at refinery.

Kerosene held its own at 6½c. per gallon at refinery.

Good demand was experienced on Bunker C fuel oil at a price of 90c. per barrel at terminal and 95c. per barrel delivered alongside. Industrial plants continued to be quoted on a basis of $1.36 per barrel, delivered.

Petroleum Production—Motor Fuel Stocks

	Barrels 1936	Barrels 1935
	Jan. 1-Oct. 2	Jan. 1-Oct. 2
Commercial crude oil production	806,147,000	721,153,000
	Week ended Oct. 2, 1936	Week ended Oct. 4, 1935
Daily average production	3,016,400	2,769,900
	Week ended Sept. 26, 1936	Week ended Sept. 19, 1936
Estimated motor fuel stock total	56,472,000	57,286,000
Estimated finished motor fuel stocks in refineries	30,911,000	31,311,000

DuPont Building Tetra Ethyl Plant at North Baton Rouge

E. I. du Pont de Nemours & Co. reports that work on a plant for the production of tetra ethyl fluid began October 1 at a location just north of Baton Rouge, La., and it is expected the plant will be in operation by June of next year. The proposed plant will have a capacity of 1,200,000 pounds a month.

The site on which the plant will be located is approximately 35 acres, and adjacent to the plants of the Standard Oil Company of Louisiana and the Semet-Solvay Company. The estimated cost of completing the plant is in excess of $2,800,000.

Included in the physical arrangement of the plant will be buildings necessary for complete manufacture, such as the manufacturing building proper, alloy manufacturing plant, ethyl fluid blending plant, storehouses, maintenance shops, railroad trackage and other needed equipment.

Petroleum Freights Authorized

The Interstate Commerce Commission has authorized the Chicago, Rock Island, and Pacific Railway Company to establish rates on petroleum and petroleum products, carloads, from Minneapolis, Minnesota Transfer, and St. Paul, Minn., to Worthington, Minn., the same as those contemporaneously in effect on like traffic over competing lines, and to maintain higher rates to intermediate points.

Margarin Manufacturing Operations During July

According to figures reported to the Bureau of Internal Revenue, Washington, the margarin manufacturers' production in July, 1936, compared with July, 1935, as follows:—

	Pounds July, 1936.	Pounds July, 1935.
Production of uncolored margarin	*27,543,366	†21,278,826
Production of colored margarin	151,389	190,251
Total production	27,694,755	21,469,074
Percent increase, 29%		
Uncolored margarin withdrawn tax paid	27,182,997	21,588,524
Colored margarin withdrawn tax paid	40,818	24,492

Ingredients used in the production of colored and uncolored margarin in July, 1936, compare with July, 1935, as follows:—

In Uncolored Margarin

	Pounds July, 1936.	Pounds July, 1935.
Babassu oil	1,288,728	.....
Coconut oil	9,478,176	10,297,774
Corn oil	208,105	.....
Cottonseed oil	7,595,521	5,798,013
Derivative of glycerin	82,274	67,532
Lecithin	1,476	1,497
Milk	5,220,081	4,437,267
Neutral lard	134,110	135,041
Oleo oil	1,574,734	884,901
Oleo stearin	253,075	217,411
Oleo stock	119,132	132,886
Palm oil	125,026	.....
Palm kernel oil	269,279	.....
Peanut oil	322,412	133,116
Salt	1,425,442	1,137,339
Sesame oil	3,570	2,656
Soda benzoate	11,363	12,973
Soybean oil	1,277,318	121,736
Totals	29,382,322	23,355,146

In Colored Margarin

Babassu oil	192	.....
Coconut oil	75,401	58,250
Color	119	210
Cottonseed oil	16,231	24,429
Derivative of glycerin	252	294
Milk	37,831	51,772
Neutral lard	3,021	3,064
Oleo oil	26,551	56,918
Oleo stearin	950	2,100
Oleo stock	1,174	7,826
Palm oil	260	.....
Peanut oil	1,961	145
Salt	10,534	13,238
Soda benzoate	30	18
Soybean oil	1,040	.....
Sunflower seed oil	.....	9,920
Totals	175,567	290,196

* Of the amount produced 28,457 pounds were reworked.
† 56,837 pounds were reworked.

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Fertilizer Materials

Nitrate of Soda Advanced October 1—Five Percent Potash Discount Expired—Organic Ammoniates Ease—Sulphur Tax Rise Introduced in Texas

The increase in nitrate of soda prices and the expiration of the 5 percent discount on potash salts functioned according to schedule at the close of business Wednesday. The new price for bulk lots of nitrate of soda on deliveries through next June is a dollar per ton higher than the September figure, and the only discount available on potashes now is the 2 percent allowance on orders placed prior to December 1. A limited number of small price recessions in organic ammoniates and cheaper prices for foreign bone products constituted the remainder of the past week's price movements in agricultural raw materials.

There was not much trading reported during the week. Easing prices for packing house by-products attracted a little attention from the smaller fertilizer producers who could not pay the recent high prices paid by the feeders. The fish supply situation appeared somewhat improved last week and Japanese sardine meal was offered for shipment at a reduction in price.

Superphosphate was quiet and the reports from the Southeast indicated that there has been little material booked since the appearance of prices there a few weeks ago. The Baltimore market was quiet also.

A measure was introduced at a special session of the Texas Legislature last week to increase the sulphur production tax in that state from 75c. to $1.05 per gross ton. The session of the Legislature was opened with a plea from the Governor of the State to equalize the Texas tax with that of Louisiana.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Potash salts, discounts, 3 percent.
Soda nitrate, $1 per ton.

Reduced

Bone, steamed, import, 1-65-70 percent, 50c. per ton.
meal, import, 3-50 percent, 50c. per ton.
Fish, sardine meal, Japanese, No. 1, 50c. per ton.
Nitrogenous material, import, 5c. per unit.
Tankage, dom., N. Y., ground, 10c. per unit-ton.
unground, 15c per unit-ton.

Comparative Values

Index number compiled from four typical fertilizer materials on the basis of a normal of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
63.6	62.9	62.9	57.7

Market news that may have developed after this report was sent to press will be found on page 4.

Ammoniates

Nitrate of Soda.—Prices advanced Thursday in accordance with the precept of the schedule. The price for bulk material to fertilizer producers and industrial buyers for delivery October through June was advanced $1 per ton to $25.50 per ton, ex vessel or ex store at usual Atlantic and Gulf ports. Bagged material in the Northern and Middle Western territory was raised to $26.80 per ton in 200-pound bags and $27.50 per ton in 100-pound bags. Prices on bagged material to producers' agents in the South were named at the same levels as the bagged prices in the North and are subject to the stipulations of the agency contract offered by the producers.

Sulphate of Ammonia.—The week under review was a quiet period for this commodity. There was little new business booked, but the prices remained firm at the established schedule. The current prices apply through November and an advance of 50c. per ton is quoted for December-June position. The Bureau of Mines estimate of production for August indicated an increase of 3.8 percent over the July output. Estimated production of ammonia, in terms of the ammonia sulphate equivalent of all forms, from by-product coke operations in August was 62,047 tons, compared with 59,761 tons in July and 43,471 tons in August last year. The total estimated output for the first eight months of 1936 was 448,875 tons against 337,135 tons in the corresponding period of 1935.

Castor Pomace.—There was not much activity in the market last week. The foreign article has not been mentioned in recent trading and the domestic product held firmly at $18.50 per ton, f.o.b. producing points.

Dried Blood.—Although a small lot was reported as having sold higher in New York, the price generally asked was $4.20 per unit. The Chicago market remained undisturbed at $4.25 per unit, the figure established a week ago. South American continued quiet with offerings at $3.45 per unit, basis c.i.f.

Fish Scrap.—So far as could be learned, there were no sales of Chesapeake menhaden scrap over $3.25 and 10c. per unit-ton, basis factory. Fishermen, however, have been asking $3.35 to $3.50 and 10c. per unit-ton within recent weeks. The catch has improved measurably during the past two weeks. Japanese sardine meal eased off and quotations for No. 1 grade were $43 per ton last week, a reduction of 50c. from the asked price a week ago. The secondary grade was nominal around $42.50 per ton, for shipment. There was no California meal available for East Coast buyers, and according to sellers, there is not likely to be any for this market over the remainder of the season.

Hoof Meal.—Although some holders in the Chicago market have been asking $2.90 per unit, there were other offerings at $2.80 per unit.

Nitrogenous Material.—The trade did not manifest much interest in this commodity last week. A quiet, but steady, market was reported from all directions. The Western market continued at the basis of $2.50 per unit, at producing points. Imported material was offered for shipment from abroad at $2.80 per unit, which was 5c. cheaper than a week ago, but the buyers did not evidence any concern in the offerings.

Tankage.—There were practically no offerings of South American material last week and the recent price of $3.75 and 10c. per unit-ton, c.i.f., was largely nominal. The New York market was lower at $3.90 and 10c. per unit-ton for ground and $3.85 and 10c. per unit-ton for unground, reductions of 10c. and 15c., respectively. The Chicago market was steady and unchanged.

Potashes

The 5 percent discount offering expired at the close of business Wednesday. Producers indicated that the bookings under the 5 percent discount arrangement were not very large because the trade had booked amply for its estimated requirements under the larger discount available earlier in the season. Furthermore, some of the sellers have indicated that little new business is expected by them under the 2 percent discount offered on orders placed prior to December 1 for spot delivery or for shipment/delivery on the basis of substantially equal monthly quantities from December 1, 1936, to February 28, 1937.

Phosphates

Reports from the Southeast indicated that the recent appearance of superphosphate prices following a long period of delay has not stimulated purchasing activity in that commodity. Evidently, a good deal of business had been placed with a seller that had been offering at cheap prices prior to the general appearance of the schedule. Foreign bone materials were easier last week.

Bone Materials.—Imported 3 & 50 meal was offered at $25 per ton last week, a reduction of 50c. from a week ago. The price of imported 1 & 65-70 steamed material was also reduced 50c. per ton to the level of $23.50 per ton. Domestic materials at Chicago were steady and unchanged.

Superphosphate.—The market idled throughout the past week. Baltimore sellers were not very active in the market, and prices continued at the levels that have been named for several weeks past.

Sulphur and Pyrites

An omnibus tax bill which, among other things, would increase the sulphur production tax in Texas from 75c. to $1.05 per gross ton, was introduced at a special session of the Texas Legislature which opened in Austin last Monday. The measure was sponsored by Representative Jesse James, of Cameron and it stipulates that the production tax be continued apart from, and additional to, the State's ad valorem taxes. Prefacing the appearance of this measure, Governor Allred suggested that the Legislature should equalize the Texas sulphur tax with that of Louisiana, which recently was raised to $2 per ton. The Legislature has been instructed to raise funds to meet the State's obligations for old-age pensions and the Governor insisted that the sulphur industry should bear its share of the cost. In the past, according to Governor Allred, the sulphur industry has escaped just taxation by playing, one State against another by threatening to shift operations from Texas to Louisiana or vice versa whenever adidtional taxes were mentioned.

According to the belief in market circles, the aforementioned omnibus bill may not be the only sulphur taxing measure that this session of the Legislature will receive. The so-called omnibus bills usually stir up considerable debate and at past sessions there have been many varying sulphur tax bills under consideration at one time and each bill provides for a different rate of taxation. Measures for higher sulphur taxes have been presented at almost every session of the Texas Legislature in recent years and most of them failed of passage but, as reported here previously, it is expected that some rate of additional taxation will come out of the current session.

Pyrites continued without new feature. Importers deliveries from Spain have been interrupted. As sales are exclusively contracted, prices are unchanged albeit nominal.

Markets at Other Centers

Atlanta, Sept. 30.—Practically no changes in fertilizer material prices were reported and trading was light. October is expected to develop increased trading interest. The demand for superphosphate was reported light. Among the organic ammoniates, cottonseed meal at $30 per ton was looked upon with favor in the South, and little interest is shown in this section in other organic ammoniates.

Gathering of cotton, together with the price obtained by the grower, was reported to have influenced collections favorably. Weak spots where the drouth was severe, however, have developed.

Quotations of leading items were as follows:—

SUERPHOSPHATE.—$9.50 per ton, interior producing points.

NITRATE OF SODA.—$24.50 per ton, bulk, port basis.

SULPHATE OF AMMONIA.—$25.50 per ton, bulk, port basis.

COTTONSEED MEAL.—7 percent grade, $30 per ton, interior mills.

NITROGENOUS.—$2.75 per unit, port basis.

BLOOD.—$4.35 per unit, Chicago; So. Am., $3.50, ports.

TANKAGE.—3.50 and 10c., Chicago; So. Am., $3.75 and 10c., ports.

Baltimore, Sept. 30.—While the general situation in the market for crude fertilizer materials here continues characterized by decided quiet, the level of values showed a fair measure of strength, and no material easing off was noted. The quotations were as follows:—

FISH SCRAP.—Menhaden fishing continues quite good. Most of the producers have been enabled to score fair progress in taking care of the tonnage booked on a when-and-if-made basis and were near the point where such business is wholly filled.

TANKAGE.—Quotations were approximately $4 and 10c. per unit-ton, c.a.f. basis Baltimore.

BLOOD.—The market held at $4.15 to $4.25 per unit, c.a.f. basis Baltimore.

GARBAGE TANKAGE.—Sellers were disposed to demand $3.25, 10c. and 70c.,

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

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to $3.30, 10c. and 70c. per unit-ton, c.a.f. basis Baltimore.

POTASH.—The discount of 5 percent expires tomorrow. The only discount now is 2 percent on all orders placed prior to December 1 for spot delivery or for shipment on the basis of substantially equal monthly quantities from December 1 to February 28 next.

BONE.—Offerings were small and prices were firm at $27 to $28 per ton for 3 and 50 ground steamed and $28 to $29 per ton for 4½ and 50 ground raw supplies.

Chicago, Oct. 1.—Consumer buying of various grades of fertilizer materials was holding up along fairly substantial lines. There has been no substantial change of market aspect or outlook here. Price changes were mostly inconsequential nature. Blood continued to be fairly tightly held. Tankage business involved relatively few changes from the situation which prevailed for some time. Bone materials were marking time. For the most part the general organics continued at fairly high prices, with sellers moderately well in control of the market.

BLOOD.—High grade, ground and unground, $4.25 to $4.50 per unit of ammonia; unground, suitable for feeding, 10 to 12 percent, extra good, $4.40 to $4.50; 7 to 9 percent, $4.50 to $4.60 and 10c.

TANKAGE.—High grade, $3.50 to $3.60 and 10c.; low grade tankage, $20 to $21, Middle West; liquid stick, $2.40 to $2.50; hoof meal, $2.80 to $2.90.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $17 to $18; 3 and 50 percent, $19 to $20; 4½ and 50 percent, $23 to $25; grinding hoofs, pigs' toes and waste horn materials, $19 to $21; junk and hotel kitchen bones, $17 to $19; cattle jaws, skulls and knuckles, $26 to $27; pork cracklings, soft pressed, $55 to $65; beef cracklings, soft pressed, $50 to $55; hard pressed cracklings, per unit of protein, 90c. to $1.

San Francisco, Sept. 28.—There was nothing new to report in the fertilizer situation. Most factions said trade has eased up a trifle during the past few days, although there was known to be some booking going on in a routine way for future shipment. Fish meals had some disposition to soften, especially prices on nearby material, which underwent a change towards the easier side as production came into full swing. Most of the trade here is only guessing on the tankage market at the moment. Offerings from the Argentine have been scarce. As a matter of fact, there did not seem to be much buying demand on this organic. Blood and bone meal are steady.

Ruling prices are:—

NITRATE OF SODA.—100-pound bags, $27.50 per ton; 200-pound bags, $26.80 per ton. Bulk lots, $25.50 per ton, all ex vessel, San Francisco-Oakland. Prices advanced 50c per ton after September 30.

AMMONIA PHOSPHATE.—Quoted at $38 per ton, single bags; $38.50 per ton, paper-lined bags, f.o.b. cars, San Francisco, basis 16 percent N., 20 percent P.A.

SULPHATE OF AMMONIA.—Quoted at $27.50 per ton, f.o.b. cars, in 100-pound bags, San Francisco and Los Angeles harbor and $28.50 per ton, delivered inland California points, excepting Imperial valley and San Diego county. Latter points, $29.50. Prices for delivery to June, 1937.

SUPERPHOSPHATE. — Domestic quoted at 70c. to 75c. per unit in bulk, f.o.b. San Francisco and Los Angeles harbor. Bags, 80c. to 85c. per unit. Foreign, 75c. per unit in bags, c.i.f. Pacific Coast ports.

FISH MEALS.—California sardine meal quoted at $37 per ton, October-February shipment, f.o.b. cars, Monterey-San Francisco. Nearby quoted at $37.50 to $38. Strictly fertilizer grade Japanese meal, October-November shipment from source in nominal position

TANKAGE.—Local packing house tankage, ground, fertilizer grade, quoted at $3.60 and 10c. per unit-ton, f.o.b. cars, San Francisco and Los Angeles harbor. Argentine, ground, quoted nominal. Dry rendered, domestic ground, quoted at $1 per unit of protein, f.o.b. cars, San Francisco. Unground, dry rendered, quoted at 90c. per unit.

BONE MEAL.—Domestic steamed bone meal, $28 to $32 per ton, delivered Pacific coast ports. Imported, lower grade, fertilizer meal, quoted at $22.50 to $24.

BLOOD.—Domestic quoted at $3.65 per unit, f.o.b. cars, San Francisco and Los Angeles. Argentine meal quoted nominally at $3.50 per unit, October shipment, c.i.f. Pacific coast ports.

Union Co. to Build 100 More Fuse-Weld Test Tankcars

The Union Tank Car Company will be permitted to construct 100 additional tankcars fabricated by the fusion-welding process and to use them in experimental transportation of petroleum products, including propane and butane, under the terms of authority granted by the Interstate Commerce Commission.

The company was earlier permitted to build twenty-five tankcars by this process for experimental use in transporting these commodities and the company has reported to the ICC that the cars are in constant use and that its engineers are convinced of the superiority of tanks fabricated by the electric fusion-welding process over those made by other processes.

The 100 new cars will be constructed in strict conformity with ICC specification 105-A-400 except that they may be fusion-welded instead of forge-welded, under the terms of the authority granted.

Oleo Freight Cuts Suspended

Proposed schedules establishing reduced rates on oils, lards, stocks, and stearin from Louisville, Ky., and Cincinnati, O., and adjacent points to St. Louis, Mo., and contiguous points in Missouri and St. Louis are suspended from August 26 to November 24 by order of the Interstate Commerce Commission. The present rate on oleo stock is 30 cents per 100 pounds, minimum 15,000 pounds, while the suspended schedules call for a rate of 25 cents per 100 pounds, minimum 15,000 pounds. This rate the commission considers illustrative of the group.

Gasoline Freight Rates Cut

The New York Public Service Commission has approved new commodity freight rates as follows:—

Of the Lehigh Valley railroad, on gasoline, in tankcars, carload; Rochester to Honeoye Falls, 4 cents per hundredweight; reduction 1½ cents; effective October 4.

Socony-Vacuum Oil Company has purchased the fixed assets of the Pennsylvania Oil Company of Evanston, Ill. Previously Socony-Vacuum supplied the company, which engages in the sale of petroleum products on the north shore area through its own stations and dealer outlets.

Unilever Capital Increase Voted by Shareholders

Shareholders of the Unilever vegetable oil combine have sanctioned the increase of the capital from £17,200,000 to £20,700,000 by the creation of £3,500,000 additional 7½ percent cumulative preferred capital.

At the meeting called for this purposed F. D'Arcy Cooper, chairman, stated that the recent offer to exchange 7 percent preferred shares in Unilever for 7 percent guaranteed cumulative participating stock of Jurgens had been accepted by holders of well over 90 percent of the latter. Including Unilever's holding of ordinary shares in Jurgens and the preference shares covered by the acceptances the combine now holds over 96½ percent of the capital of Jurkens, and additional acceptances are being received from day to day.

Armour Institute Appoints Two

Dr. Willard E. Hotchkiss, president of the Armour Institute of Technology, reports the appointment of Dr. Thomas C. Poulter, as director of the research foundation, and of Dr. Robert D. Snow, to direct a project for the study of Indiana and Illinois coals. Dr. Poulter formerly headed the departments of chemistry and physics and the division of physical sciences, mathematics, and astronomy at Iowa Wesleyan College. He was chief of the scientific staff of the 1934 Byrd Antarctic expedition, and since his return has been engaged in the correlation of its scientific data. Dr. Snow was formerly engaged in coal research at the University of Illinois and more recently was director of research for the Phillips Petroleum Company.

William L. Waring, of Lyons Fertilizer Company, Tampa.; F. J. Woods, Gulf Fertilizer Company, Tampa; and Ray Trueman, of Trueman Fertilizer Company, Jacksonville, were among the Florida fertilizer manufacturers recently visiting New York.

Shipping Information

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Imports at U.S. Ports

New York Imports

ACID, ACETIC—2 cks, 2,120 lbs, Black Eagle, Rotterdam
ADIPIC—14 bbls, 3,247 lbs, E I Du Pont de Nemours Co, President Roosevelt, Hamburg
CITRIC—40 cks, 4,844 lbs, Wm Neuberg, Manhattan, Hamburg
CRESYLIC—3 dms, 26 tons, 17 cwts, 12 lbs, Monsanto Chem Co, Samaria, Liverpool
83 dms, 39 tons, 9 cwts, 3 qtrs, 21 lbs, American British Chem Supplies, Samaria, Liverpool
FATTY—10 bbls, Statendam, Rotterdam
GLUTAMIC—40 cs, Suzuki & Co, Kiyosumi, Yokohama
STEARIC—15 cs, Orbis Product Trading Co, Samaria, Liverpool
TARTARIC—25 cks, 3,040 lbs, Leghorn Trading Co, Exeter, Genoa
AGAR AGAR—20 cs, 15 bls, T M Duche & Sons, Amagisan, Kobe
10 bls, Mitsui & Co, Amagisan, Kobe
ALBUMEN, BLOOD—10 cks, 5,068 lbs, Morningstar, Nicol, Hansa, Hamburg
EGG, HEN—28 cs, H Baron & Co, Kiyosumi, Tientsin
56 bbls, 28 cs, Stein, Hall & Co, Kiyosumi, Tientsin
56 cs, D L Moss & Co, Norfolk, Shanghai
ALCOHOL—3 ctns, Borinquen, San Juan
FATTY—18 pkgs, E I Du Pont de Nemours Co, President Roosevelt, Hamburg
ALUMINUM CARBIDE—1 cs, Pfaltz & Bauer, Hansa, Hamburg
POWDER—4 cs, Bryant & Hefferman, Europa, Bremen
AMMONIA PERCHLORATE—78 cs, Gustav Martin, Gripsholm, Gothenburg
SULPHOCYANIDE—15 kgs, American Cyanamid & Chem Co, Samaria, Liverpool
ANISE STAR—100 bgs, S B Penick & Co, Amagisan, Hongkong
ANTIMONY SULPHITE ORE—2,000 bgs, Canadian Bank of Com, Amagisan, Hongkong
ARSENIC—84 bbls, American Smelting & Refg Co, Cauto, Tampico
ARTISTS' MATERIAL—5 cs, Winsor & Newton, Georgic, London
45 cs, Gallagher & Ascher, Statendam, Rotterdam
1 cs, Favor, Ruhl, American Trader, London
1 cs, Artists Brush & Color Corp, American Trader, London
ASBESTOS—5,800 bgs, Asbestos, Ltd, Exhibitor, Limassol
200 bgs, Standard Bank of S A, West Isleta, Capetown
1,800 bgs, Raw Asbestos Distr, West Isleta, Beira
7,200 bgs, Asbestos, Ltd, Exeter, Alexandria
ASPHALT—605 bgs, A V Berner & Co, Oriente, Havana
12 dms, M E Mason, West Isleta, Durban
400 bgs, A V Berner & Co, Yucatan, Havana
BABASSU KERNELS—4,166 bgs, Franklin Baker Co, Polycarp, Parnahyba
BALSAM—5 cs, Geo Lueders & Co, Haiti, La Libertad
9 cs, Polycarp, Para
BARIUM CHLORATE—20 kegs, International Selling Corp, Sarcoxie, Havre
BAUXITE RESIDUE — 50 cks, Robinson, Wagner Co, Caledonia, Glasgow
BISMUTH REF'D—150 cs, Cerro De Pasco Copper Corp, Cacique, Callao
BRISTLES—1 cs, Majestic Shipping & Forwarding Co, President Roosevelt, London
14 cs, Georgic, London
11 cs, Iwai & Co, Kiyosumi, Kobe
56 cs, F W Von Stade, Kiyosumi, Tientsin
40 cs, Bank of Manhattan, Kiyosumi, Tientsin
83 cs, Melchers, Inc, Kiyosumi, Tientsin
30 cs, F W Von Stade, American Trader, London
8 cs, Corn Exchange Bank Trust Co, American Trader, London
7 cs, Continental Bank Trust Co, American Trader, London
3 cks, 5 cs, Draeger Shipping Co, American Trader, London
55 cs, Chestnut, Cooper & Co, American Trader, London
5 cks, American Trader, London
30 cs, F W Von Stade, Norfolk, Shanghai
50 cs, Irving Trust Co, Norfolk, Shanghai
50 cs, Norfolk, Shanghai
16 cs, F W Von Stade, Norfolk, Kobe
10 cs, F H Cone & Co, Norfolk, Kobe
172 cs, F H Cone & Co, Norfolk, Shanghai
BUCHU LEAVES—5 bls, Berengaria, Southampton
CADMIUM METAL—55 cs, C Tennant Sons Co, Georgic, London
CALCIUM TARTRATE — 200 bgs, American Express Co, Exhibitor, Piraeus
CAMPHOR, REFINED—115 cs, Iwai & Co, Amagisan, Kobe
225 cs, Mitsui & Co, Amagisan, Kobe
20 cs, W T Rawleigh Co, Amagisan, Kobe
CANARY SEED—1,450 bgs, A G Dunn, Exhibitor, Tekirdag
2,340 bgs, Exhibitor, Tekirdag
CANTHARIDES—10 cs, J L Hopkins & Co, City of Dalhart, Hongkong
CARAWAY SEED—100 bgs, 11,000 lbs, C M Van Sillevoldt, Black Eagle, Rotterdam
100 bgs, 11,000 lbs, Biddle Purchasing Co, Statendam, Rotterdam
100 bgs, 11,000 lbs, L Gronowitz, Statendam, Rotterdam
100 bgs, 11,000 lbs, Catz American Co, Statendam, Rotterdam
150 bgs, 16,500 lbs, Black Diamond Seed Co, Statendam, Rotterdam
100 bgs, 11,000 lbs, R L Friedler, Statendam, Rotterdam
CARBON, DECOLORIZING — 125 bgs, 11,275 lbs, Hansa, Hamburg
CAROB BEANS—75 bgs, Philipp Bros, Exeter, Marseilles
CASEIN—70 bgs, D C Andrew & Co, Hansa, Hamburg
668 bgs, American British Chem Supplies, President Roosevelt, Havre
333 bgs, Samaria, Liverpool
399 bgs, Roepke & Otto, Statendam, Rotterdam
200 bgs, Sarcoxie, Havre
CASSIA—150 bls, B H Old & Co, City of Dalhart, Hongkong
100 bls, Sprague, Warner & Co, City of Dalhart, Hongkong
300 bls, Knickerbocker Mills Co, City of Dalhart, Hongkong
150 bls, Gillespie & Co, City of Dalhart, Canton
116 pkgs, H P Winter & Co, Tanimbar, Padang
400 bls, Knickerbocker Mills Co, Amagisan, Hongkong
CASSIA BUDS—35 cs, Knickerbocker Mills Co, Amagisan, Hongkong
CASTOR BEANS—8,128 bgs, Santaren, Santos
1,000 bgs, Baker Castor Oil Co, Santaren, Bahia
1,607 bgs, Spencer Kellogg & Sons, Helle, Bahia
4,974 bgs, Helle, Bahia
3,364 bgs, Camamu, Bahia
5,936 bgs, Polycarp, Pernambuco
423 bgs, Leghorn Trading Co, Polycarp, Bahia
1,696 bgs, Spencer Kellogg & Sons, Polycarp, Bahia
1,202 bgs, Polycarp, Bahia
1,685 bgs, Polycarp, Ceara
CHALK, BLOCK — 1,550,000 kilos, Taintor Trading Co, Sarcoxie, Bordeaux
PRECIPITATED — 1 ck, Schenker & Co, Hansa, Hamburg
225 bgs, 7 tons, 1 cwt, 2 qtrs, 2 lbs, H J Baker & Bros, Samaria, Liverpool
CHAMOIS—6 cs, Manhattan, Hamburg
CHAMOMILE FLOWERS—39 cs, Peek & Velsor, President Roosevelt, Hamburg
27 bls, 2,932 lbs, Black Gull, Antwerp
CHEMICALS—1,016 bgs, 224,859 lbs, Advance Solvents & Chem Co, Hansa, Hamburg
20 cks, 11,968 lbs, Hansa, Hamburg
18 bbls, 5,999 lbs, National City Bank, Hansa, Hamburg
20 cks, 4,859 lbs, Philip Bauer Co, Hansa, Hamburg
20 cks, 360 bgs, 3 bbls, Hansa, Hamburg
27 cs, Schimmel & Co, Hansa, Hamburg
1 cs, Jungmann & Co, Hansa, Hamburg
100 carboys, 13,486 lbs, Advance Solvents & Chem Co, Hansa, Hamburg
2 cs, E Bilhuber, Hansa, Hamburg
250 bgs, 55,825 lbs, President Roosevelt, Hamburg
141 cks, 45 bgs, 125 dms, 1 pkg, African Metals Corp, Jean Jadot, Antwerp
7 cks, Innis, Speiden & Co, Jean Jadot, Antwerp
143 cks, Black Eagle, Rotterdam
130 dms, Advance Solvents & Chem Co, Statendam, Rotterdam
36 bbls, Hummel Chem Co, Statendam, Rotterdam
27 dms, 1 cs, Michel Export Co, Statendam, Rotterdam
15 cks, American Cyanamid & Chem Co, Statendam, Rotterdam
2 cks, 2 cs, Merck & Co, Statendam, Rotterdam
20 cs, 5 bgs, American Bluefriesveen, Inc, Statendam, Rotterdam
500 bgs, American Express Co, Westernland, Antwerp
420 dms, 441 bgs, Advance Solvents & Chem Co, Westernland, Antwerp
13 bbls, Lowenstein & Sons, Normandie, Havre
1 cs, Pfaltz & Bauer, Normandie, Havre
40 cs, P C Kuyper & Co, Europa, Bremen
21 cs, Stanley, Doggett, Europa, Bremen
1 cs, Schenker & Co, Europa, Bremen
4 pkgs, Europa, Bremen
15 dms, 100 cs, Bergstrom Trading Co, Gripsholm, Gothenburg
20 dms, African Metals Corp, Black Gull, Antwerp
26 dms, E M Sergeant Pulp & Chem Co, Black Gull, Antwerp
20 dms, Black Gull, Antwerp
167 cks, Advance Solvents & Chem Co, Manhattan, Hamburg
CINCHONA BARK—27 bls, E Mosheim & Co, Santa Maria, Guayaquil
PRODUCTS—17 cs, R W Greeff & Co, Statendam, Rotterdam
CLAY—450 bgs, W Manley, President Roosevelt, Hamburg
240 cks, A Hurst & Co, Statendam, Rotterdam
COALTAR DERIVATIVE—1 ck, General Aniline Works, Statendam, Rotterdam
INTERMEDIATES—14 dms, General Aniline Works, Hansa, Hamburg
20 cks, General Aniline Works, Statendam, Rotterdam
49 dms, 62 cks, General Dyestuff Corp, Statendam, Rotterdam
3 kgs, American Trader, London
COBALT METAL—40 cks, Westernland, Antwerp
COCHINEAL—50 bgs, 12,716 lbs, Hansa, Hamburg
COCOA BEANS—250 bgs, Nieschlag & Co, Santaren, Victoria
2,000 bgs, Aron & Co, Santaren, Bahia
1,000 bgs, Bank of London South America, Santaren, Bahia
1,100 bgs, Bankers Trust Co, Santaren, Bahia
2,000 bgs, Guaranty Trust Co, Santaren, Bahia
220 bgs, Santaren, Bahia
2,710 bgs, West Isleta, Trinidad
300 bgs, Gordon Grant & Co, West Isleta, Trinidad
1,119 bgs, Superintendence Co, New Texas, Lagos
3,485 bgs, W & A Leaman, New Texas, Lagos
1,600 bgs, New Texas, Lagos
800 bgs, Superintendence Co, New Texas, Accra
2,313 bgs, Cie Trans de l'Afrique, Occid, New Texas, Accra
4,800 bgs, Balfour, Guthrie & Co, New Texas, Accra
3,992 bgs, W & A Leaman, New Texas, Accra
1,600 bgs, Balfour, Guthrie & Co, New Texas, Winneba
385 bgs, Cie Trans de l'Afrique, Occid, New Texas, Winneba
387 bgs, Cie Trans de l'Afrique, Occid, New Texas, Saltpond
783 bgs, Cie Trans de l'Afrique, Occid, New Texas, Cape Coast
800 bgs, Balfour, Guthrie & Co, New Texas, Takoradi
1,000 bgs, Guaranty Trust Co, Helle, Ilheos
17,000 bgs, Nieschlag & Co, Helle, Ilheos
1,000 bgs, Bank of London South America, Helle, Ilheos
3,500 bgs, Helle, Ilheos
2,000 bgs, Guaranty Trust Co, Helle, Bahia
3,000 bgs, Nieschlag & Co, Helle, Bahia
500 bgs, Trent Despatch Co, Veragua, Puerto Limon
533 bgs, Trent Despatch Co, Veragua, Havana
200 bgs, Bank of Manhattan, Trinidad
550 bgs, Curacao Trading Co, Frances, Porto Plata
95 bgs, Porcella Vicini & Co, Frances, Porto Plata
4,000 bgs, Chase Natl Bank, Mamamu, Bahia
2,000 bgs, Bank of London South America, Camamu, Bahia
COCOA BEANS—500 bgs, Bank of London South America, Camamu, Victoria
500 bgs, Hershey Chocolate Corp, Polycarp, Bahia
2,000 bgs, Farr & Co, Polycarp, Bahia
1,000 bgs, Carl M Loeb & Co, Polycarp, Bahia
93 bgs, Polycarp, Manaos
147 bgs, W & A Leaman, Martinique, Jeremie
48 bgs, Transmarine Mercantile Corp, Cape Haitian
38 bgs, Scholtz & Co, Curabobo, La Guaira
COCOANUT, DESIC—250 cs, J H Vavasseur & Co, Japanese Prince, Colombo
510 cs, Balfour, Guthrie & Co, City of Dalhart, Manila
COCONUTS—300 bgs, 300,000 lbs, Fruit Despatch Co, Platano, Puerto Cortes
50 bgs, 5,000 lbs, J Simon & Co, Angelina, Mayaguez
303 bgs, 30,300 lbs, Franklin Baker Co, Angelina, Mayaguez
745 bgs, 74,500 lbs, Franklin Baker Co, Angelina, San Juan
1,300 bgs, 130,000 lbs, I L Toledano Corp, Cristobal, Cristobal
617 bgs, 61,700 lbs, A N Leakway, Haiti, Kingston
3,628 bgs, 362,800 lbs, Franklin Baker Co, Haiti, Kingston
101 bgs, 10,100 lbs, Simons & French Co, Borinquen, San Juan
25 bgs, 2,500 lbs, Porto Rican Fruit Exchange, Carabobo, San Juan
COLORS—1 ck, W J Byrnes & Co, Samaria, Liverpool
3 cks, Morris Export Co, Normandie, Havre
2 cs, Lunham & Reeve, Normandie, Havre
ARTISTS—7 cs, Artists Brush & Color Corp, American Trader, London
DRY—1 ck, Stanley Doggett, Statendam, Rotterdam
COPAIBA BALSAM—70 cs, Polycarp, Manaos
COPPERAS—7 bbls, 2,648 lbs, J H Lowenstein & Sons, Black Gull, Antwerp
50 cks, R D Hines, Westernland, Antwerp
CORK—31 cs, Cork Import Co, Normandie, Havre
14 bls, Aco Doherty Maritime, Normandie, Havre
15 bls, Budde & Westermann, Normandie, Havre
9 bls, Bisbe Cork Co, Exeter, Marseilles
WOOD—100 bls, Central Hanover Bank Trust Co, Hansa, Hamburg
36 bls, Hansa, Hamburg
125 bls, Hoegh Transporter, Algiers
CRYOLITE—280 bgs, 55,871 lbs, American Express Co, Hansa, Hamburg
CUMIN SEED—102 bgs, 11,330 lbs, Exeter, Marseilles
CUTTLEFISH BONES—1,100 cs, American Cuttlefish Bone Co, Maria, Sfax
DEXTRIN, POTATO—100 bgs, Stein, Hall & Co, Statendam, Rotterdam
DRUGS, CRUDE—15 cs, Hansa, Hamburg
DYES, ALIZARIN—8 jugs, 8 cks, 28 dms, General Dyestuff Corp, Statendam, Rotterdam
ANILIN—6 cks, 1 pkg, General Dyestuff Corp, Hansa, Hamburg
1 cs, J E Bernard & Co, Hansa, Hamburg
6 kegs, L & R Organic Prod Co, Samaria, Liverpool
19 dms, 2 cs, 352 cks, General Dyestuff Corp, Statendam, Rotterdam
13 cyls, Sandos Chem Works, Normandie, Havre
94 pkgs, Ciba Co, Normandie, Havre
10 bbls, Geigy Co, Normandie, Havre
EGG YOLK, HEN—56 cs, Stein, Hall & Co, Kiyosumi, Tientsin
56 cs, Consumers Import Co, Kiyosumi, Tientsin
50 cs, American Cyanamid & Chem Co, Kiyosumi, Tientsin
ELDER FLOWERS—10 bgs, J L Hopkins & Co, Hansa, Hamburg
ERGOT—30 cs, S B Penick & Co, Georgic, London
FENNEL SEED—1 bg, National City Bank, Hoegh Transporter, Trieste
FERROCHROME—100 cs, Mitsui & Co, Amagisan, Yokohama
FERTILIZER—5 bgs, Swift & Co, Polycarp, Rio Grande de Sul
LEATHER, WASTE—1,185 bgs, Georgic, London
FILTER COMPOUND—100 bls, P H Petry & Co, President Roosevelt, Hamburg
PAPER—18 cs, Hansa, Hamburg
2 cs, H Reeve Angel & Co, Georgic, London
18 cs, H Reeve Angel & Co, Berengaria, Southampton
2 bls, A Giese & Son, Berengaria, Southampton
7 bls, Orbis Product Trading Corp, Manhattan, Hamburg
FISH MEAL—2,240 bgs, Consumers Import Co, Norfolk, Yokohama
SOUNDS—33 bgs, 11 bls, Fulton Freight Forwarding Corp, Carabobo, Maracaibo
FLAXSEED—4,243 tons, 169,720 bu, Archer Daniels Midland Co, M C Holm, Buenos Aires
FLEASEED—20 bgs, 4,400 lbs, J L Hopkins & Co, Exeter, Marseilles
100 bgs, 22,000 lbs, T M Duche & Sons, Exeter, Marseilles
10 bgs, 2,200 lbs, Ideal Trading Co, Exeter, Marseilles
20 bgs, 4,400 lbs, Rene Moelhausen, Exeter, Marseilles
50 bgs, 11,000 lbs, R J Prentiss & Co, Exeter, Marseilles
FLORAL WATER—190 dms, Dodge & Olcott Co, Exeter, Marseilles
FLOWERS, MEDICINAL—10 bls, 1,106 lbs, Hansa, Hamburg
FULLER'S EARTH—250 bgs, L A Salomon & Bros, American Trader, London
GASOLINE—59,000 bbls, Standard Oil Co of N J, Christy Payne, Balboa
GELATIN—25 cs, 150 bgs, 12 bbls, R D McLellan, Statendam, Rotterdam
45 bls, T M Duche & Sons, Westernland, Antwerp
POWD—66 bgs, Hansa, Hamburg
GINGERIN—2 cs, Orbis Product Trading Corp, Georgic, London
GLASS, PLATE—35 cs, Globe Shipping Co, Hansa, Hamburg
1 cs, President Roosevelt, Hamburg
8 cs, Royal Glass Works, Jean Jadot, Antwerp
12 cs, L Solomon & Son, Jean Jadot, Antwerp
4 cs, J Henry Schroeder Banking Corp, Manhattan, Hamburg
WINDOW—42 cs, Semon Bache & Co, President Roosevelt, Hamburg
198 cs, L Solomon & Sons, President Roosevelt, Hamburg
6,639 cs, President Roosevelt, Hamburg
35 cs, S A Bendheim, President Roosevelt, Hamburg
100 cs, Schrenk & Co, Jean Jadot, Antwerp
17 cs, Jean Jadot, Antwerp
GLASS, WINDOW—300 cs, Seymour G Cole, Black Gull, Antwerp
244 cs, Greater N Y Glass Co, Black Gull, Antwerp
47 cs, Semon Bache & Co, Black Gull, Antwerp
6 cs, M Balils Son, Black Gull, Antwerp
3,566 cs, Vitrea Co, Manhattan, Hamburg
GLUE—200 bgs, Gallagher & Ascher, Georgic, London
75 cs, 54 bgs, 10 bbls, International Selling Corp, Westernland, Antwerp
200 bgs, International Selling Corp, Normandie, Havre
400 bgs, American Trader, London
102 bgs, 12 cks, 70 bls, Rex & Reynolds, Exeter, Marseilles
1 cs, Standard Chem Prod Co, Exeter, Marseilles
GLUESTOCK — 80 bls, Guaranty Trust Co, Polycarp, Bahia
52 bls, G Lever & Co, Polycarp, Ceara
GLYCERIN—30 dms, Armour & Co, Statendam, Rotterdam
14 dms, Scanyork, Copenhagen
GRAPHITE—300 bgs, J F Starkey & Co, Japanese Prince, Colombo
675 bgs, J F Starkey & Co, Kiyosumi, Moji
63 cks, Hensel, Bruckmann & Lorbacher, Exeter, Marseilles
GUM ARABIC—30 bgs, Hansa, Hamburg
CHICLE—168 bls, Chicle Development Co, Platano, Puerto Barrios
COPAL—266 baskets, France, Campbell & Darling, Japanese Prince, Tomini
54 baskets, S Winterbourne & Co, Japanese Prince, Tomini
70 bgs, Stroock & Wittenberg, Japanese Prince, Singapore
202 baskets, France, Campbell & Darling, Japanese Prince, Macassar
20 bgs, S Winterbourne & Co, Jean Jadot, Antwerp
40 bgs, France, Campbell & Darling, Jean Jadot, Antwerp
100 bgs, Thurston & Braidich, Jean Jadot, Antwerp
400 bgs, O G Innes Corp, Jean Jadot, Antwerp
400 bgs, Westernland, Antwerp
201 baskets, L N Jackson & Co, Tanimbar, Macassar
158 baskets, Manufacturers' Trust Co, Tanimbar, Macassar
447 baskets, O G Innes Corp, Tanimbar, Macassar
DAMMAR—200 cs, Gillespie-Rogers-Pyatt Co, Japanese Prince, Batavia
200 cs, G W S Patterson & Co, Japanese Prince, Batavia
25 cs, Stroock & Wittenberg, Japanese Prince, Singapore
490 bgs, 50 cs, G W S Patterson & Co, Japanese Prince, Singapore
210 bgs, 50 cs, American Cyanamid & Chem Co, Japanese Prince, Batavia
70 bgs, Gillespie-Rogers-Pyatt Co, Japanese Prince, Singapore
50 cs, Stroock & Wittenberg, Japanese Prince, Singapore
100 cs, Tanimbar, Batavia
100 cs, O G Innes Corp, Tanimbar, Padang
ELEMI—129 cs, American Cyanamid & Chem Co, City of Dalhart, Manila
GUAIAC—10 cs, Schutte & Focke, San Juan, Azua
LOCUST BEAN—60 bgs, 3 tons, 1 cwt, 8 lbs, Stein, Hall & Co, Camaria, Liverpool
50 bgs, 11,176 lbs, Stein, Hall & Co, Exeter, Genoa
50 cs, 12,650 lbs, T M Duche & Sons, Exeter, Genoa
5 bgs, Stein, Hall & Co, Rex, Genoa
23 cs, Rex, Genoa
PERILLA—8 bgs, Chicle Development Co, Cristobal, Cristobal
SANDARAC—6 cks, 1,909 lbs, Exeter, Marseilles
TRAGACANTH—10 cs, Herman Hollander, Hansa, Hamburg
27 bgs, Paul A Dunkel & Co, Hansa, Hamburg
46 cs, Paul A Dunkel & Co, Hansa, Hamburg
68 bgs, E Meer & Co, American Trader, London
TREE—7 bgs, Chicle Development Co, Haiti, Puntarenas
GYPSUM—4,000 tons, U S Gypsum Co, Gypsum Empress, Windsor
100 bgs, Whittaker, Clark & Daniels, Camaria, Liverpool
HERBS, MEDICINAL—27 bls, Hansa, Hamburg
22 bls, President Roosevelt, Hamburg
10 bls, Wedeman & Godnecht, President Roosevelt, Bergen
8 bls, Hoegh Transporter, Trieste
HOPS—5 cs, W J Honan, Hansa, Hamburg
40 bls, R F Downing & Co, Hansa, Hamburg
35 bls, R F Downing & Co, Manhattan, Hamburg
8 bls, J Sonnenscheim Hop Co, Manhattan, Hamburg
6 bls, Globe Shipping Co, Manhattan, Hamburg
IRON ORE—23 dms, 40 bgs, 5 tons, 18 cwt, 2 qtrs, 24 lbs, Reichard-Coulston, Samaria, Liverpool
OXIDE—17 cks, C J Osborn & Co, President Roosevelt, Southampton
10 cks, J Lee Smith & Co, Statendam, Rotterdam
111 cks, Reichard-Coulston, Statendam, Rotterdam
20 cks, Robinson, Wagner Co, Statendam, Rotterdam
5 cks, E Deutz, Statendam, Rotterdam
ISINGLASS—5 cs, Georgic, London
LAUREL LEAVES—183 bls, 24,200 lbs, Exhibitor, Piraeus
LEAVES, MEDICINAL—18 bls, Hoegh Transporter, Trieste
LICORICE PASTE—80 cs, Wm M Allison & Co, Maria, Catania
42 cs, 12,797 lbs, Exeter, Marseilles
LINALYLACETATE—2 dms, Takamine Corp, Kiyosumi, Yokohama
LITHOPONE—300 cks, Benj Moore & Co, Statendam, Rotterdam
MACE—17 cs, J F Frank, Japanese Prince, Macassar
57 cs, B H Old & Co, Japanese Prince, Menada
MAGNESIA, CARBONATE—70 cs, 2 tons, 7 cwt, 2 qrts, 11 lbs, McKesson & Robbins, Samaria, Liverpool
50 cks, 10 cs, 2 tons, 13 cwt, 5 qrts, 30 lbs, Schofield, Donald & Co, Samaria, Liverpool
MAGNESITE, CALCINED — 40 bbls, Innis, Spieden Co, Statendam, Rotterdam
PUTTY—50 cs, 3,036 lbs, Williams & Wells Co, Hansa, Hamburg
MANGANESE ORE—1,000 pockets, Lavonia London, Ltd, San Juan, Ponce
PEROXIDE—1 dm, Hansa, Hamburg
MARJORAM LEAVES—50 bgs, 5,500 lbs, Knickerbocker Mills Co, Exeter, Marseilles
MATCHES, SAFETY—80 cs, Westernland, Antwerp

MEDICINAL PREPS—2 cs, P H Petry & Co, Hansa, Hamburg
2 cs, Anglo French Laboratories, Normandie, Havre
1 cs, Hoffman, La Roche Co, Normandie, Havre
26 cs, G J Wallau, Normandie, Havre
12 cs, Lo Curto & Funk, Exeter, Genoa
3 cs, Italian Drug Import Co, Rex, Genoa
MENTHOL—9 cs, New York Quinine & Chemical Works, Georgic, London
80 cs, W T Rawleigh Co, Amagisan, Kobe
MICA—15 cs, A G Bracher & Co, Georgic, London
5 cs, J Block & Co, American Trader, London
MILK POWD—220 bgs, Balfour, Guthrie & Co, Black Eagle, Rotterdam
1,300 bgs, 460 bbls, Statendam, Rotterdam
MILLET SEED—27 bgs, Exhibitor, Tekirdag
500 bgs, C M Van Sillevoldt, Statendam, Rotterdam
MOLASSES—1,020,000 gls, Havana Molasses Co, Dixiano, Havana
NAPHTHA—15 dms, R F Vaughan, West Isleta, Durban
NAPHTHALENE—215 bgs, J E Bernard & Co, Black Eagle, Rotterdam
200 bgs, Charles Hardy, Black Gull, Antwerp
207 bgs, Black Gull, Antwerp
NUTGALLS—54 bgs, S B Penick & Co, Hoegh Transporter, Trieste
NUTMEGS—78 bgs, Van Loan & Co, Japanese Prince, Macassar
70 bgs, Frank Tea & Spice Co, Statendam, Rotterdam
OCHER—125 cks, 78,091 lbs, J A McNulty, Exeter, Marseilles
54 cks, 32,771 lbs, Reichard, Coulston, Exeter, Marseilles
50 cks, 29,543 lbs, Wishnick-Tumpeer, Exeter, Marseilles
OIL, ALMOND—10 kgs, 3 cs, Ungerer & Co, Berengaria, Southampton
BAY—5 cs, J H Rodriguez Co, Borinquen, San Juan
CAMPHOR—10 dms, Magnus, Mabee & Reynard, Kiyosumi, Keelung
25 dms, Givaudan-Delawanna, Kiyosumi, Yokohama
9 dms, F R Dreyer, Kiyosumi, Yokohama
35 dms, Mitsui & Co, Amagisan, Yokohama
CANANGA—1 dm, Tanimbar, Batavia
CASSIA—10 dms, R A Kurka, City of Dalhart, Hongkong
CHINAWOOD—100 dms, Mitsui & Co, Amagisan, Hongkong
CITRONELLA—32 dms, Catz American Co, Japanese Prince, Batavia
33 dms, Japanese Prince, Colombo
4 dms, Tanimbar, Batavia
20 dms, Guaranty Trust Co, Tanimbar, Cheribon
COCONUT—5 cs, Schenker & Co, Hansa, Hamburg
900 tons, Philippine Refg Co, Amagisan, Manila
COD—400 dms, J D Irwin & Co, Hansa, Hamburg
CODLIVER—100 dms, President Roosevelt, Bergen
304 dms, J D Irwin & Co, Manhattan, Hamburg
CORN—137 dms, I R Boody & Co, Georgic, London
3 pkgs, Superintendence Co, Black Eagle, Rotterdam
163 dms, Statendam, Rotterdam
330 dms, Corn Product Refg Co, Caledonia, Glasgow
128 dms, Corn Product Refg Co, Westernland, Antwerp
26 dms, Corn Product Refg Co, American Trader, London
167 dms, N C Littauer, Black Gull Antwerp
ESSENTIAL—9 cs, 16 cks, Hansa, Hamburg
43 cs, Normandie, Havre
4 cs, American Trader, London
53 cs, Exeter, Marseilles
EUCALYPTUS—10 dms, C Fischbeck Co, Amagisan, Kobe
FISH—11 dms, S Emy, Kiyosumi, Yokohama
FUEL—99,000 bbls, Standard Oil Co of N J, Charles Pratt, Aruba
2,888,690 gls, Standard Oil Co of N J, S B Hunt, Port Mexico
82,000 bbls, Standard Oil Co of N J, Thalia, Aruba
58,000 bbls, Standard Oil Co of N J, Wellfield, Aruba
110,000 bbls, Standard Oil Co of N J, Standard, Aruba
JUNIPER—5 cs, 807 lbs, Magnus, Mabee & Reynard, Exeter, Genoa
LAVENDER—12 dms, Chase National Bank, Exeter, Marseilles
1 dm, Corn Exchange Bank Trust Co, Exeter, Marseilles
LUBRICATING—185 cs, 15 dms, Gillespie & Co, West Isleta, Port Elizabeth
MINERAL—120 dms, Heemsoth, Pinckes & Kerner, Hansa, Hamburg
NAPHTHENIC RESIDUE—27 bbls, 13,063 lbs, Socony Vacuum Oil Co, Hansa, Hamburg
OLIVE—125 dms, Lekas & Drivas, Exhibitor, Piraeus
200 dms, National Bank of Greece, Exhibitor, Piraeus
100 dms, Bank of Athens, Exhibitor, Piraeus

OIL, OLIVE—50 dms, Leghorn Trading Co, Exhibitor, Piraeus
100 dms, Commercial Bank of Greece, Exhibitor, Piraeus
325 dms, Ionian Bank, Maria, Piraeus
920 dms, Maria, Sfax
75 cs, Maria, Palermo
50 dms, Ionian Bank, Hoegh Transporter, Piraeus
100 dms, Bank of Athens, Hoegh Transporter, Piraeus
50 cs, Normandie, Havre
25 dms, Schroeder Bros, Exeter, Genoa
2,205 cs, Exeter, Genoa
100 dms, Irving National Bank, Exeter, Marseilles
140 dms, Strohmeyer & Arpe Co, Manhattan, Hamburg
OLIVE SULPHUR—Quantity, National Bank of Greece, Maria, Mitylene
Quantity, National Bank of Greece, Maria, Piraeus
Quantity, Maria, Sfax
200 bbls, Dondoure Bros, Maria, Sfax
ORIGANUM—10 dms, Exeter, Haifa
PALM—744 tons, Balfour, Guthrie & Co, New Texas, Matadi
111,000 kilos, Black Eagle, Rotterdam
1 dm, I R Boody & Co, Black Eagle, Rotterdam
975 tons, Banque Belge pour l'Etranger, Tanimbar, Belawan Deli
PATCHOULI—1 dm, Guaranty Trust Co, Tanimbar, Cheribon
PERILLA—1 cs, Suzuki & Co, Kiyosumi, Yokohama
SESAME—76,000 kilos, Durkee Famous Food, Black Eagle, Rotterdam
VARNISH—13 cs, Pomeroy & Fischer, American Trader, London
VEGETABLE—38,000 kilos, I R Boody & Co, Black Eagle, Rotterdam
35 dms, I R Boody & Co, Statendam, Rotterdam
PAPAIN—42 cs, S B Penick & Co, Japanese Prince, Colombo
10 cs, Merck & Co, Japanese Prince, Colombo
40 cs, Central Hanover Bank Trust Co, Georgic, London
PAPRIKA—50 bgs, Hansa, Hamburg
50 bgs, Hoegh Transporter, Trieste
100 bgs, Manhattan, Hamburg
PEATMOSS—1,046 bls, Premier Peatmoss Corp, President Roosevelt, Hamburg
2,100 bls, President Roosevelt, Bremen
773 bls, Premier Peatmoss Corp, Scanyork, Copenhagen
PEPPER, BLACK—1,000 bgs, Catz American Co, Japanese Prince, Telok Betong
75 bgs, Japanese Prince, Telok Betong
3,225 bgs, Tanimbar, Oosthaven
61 bgs, Brown Bros-Harriman Co, Tanimbar, Pangkal Pinang
493 bgs, Tanimbar, Pangkal Pinang
122 bgs, Irving Trust Co, Tanimbar, Koba
WHITE—162 bgs, Bank of New York Trust Co, Japanese Prince, Batavia
100 bgs, Japanese Prince, Singapore
PETROLEUM, CRUDE—109,867 bbls, Gulf Oil Corp, Gulfbird, Las Piedras
82,604 bbls, Warner Quinlan Co, Adelien, Las Piedras
89,486 bbls, Gulf Oil Co, Gulfwax, Las Piedras
PHENOL—544 dms, Herman Weber, American Trader, London
PIMENTO—100 bgs, L Neugass & Co, Haiti, Kingston
PITCH, STEARIN—71 cks, Westernland, Antwerp
POPPYSEED—600 bgs, 60,000 lbs, President Roosevelt, Bergen
100 bgs, 10,000 lbs, Levy & Levis Co, Statendam, Rotterdam
100 bgs, 10,000 lbs, R L Friedler, Statendam, Rotterdam
200 bgs, 20,000 lbs, C M Van Sillevoldt, Statendam, Rotterdam
300 bgs, 30,000 lbs, Catz American Co, Statendam, Rotterdam
100 bgs, 10,000 lbs, Boris Horowitz, Statendam, Rotterdam
100 bgs, 10,000 lbs, Sure Rice Baking Powder Co, Statendam, Rotterdam
200 bgs, 22,000 lbs, Julius Loewith, Scanyork, Gdynia
POTASH, CAUSTIC—50 dms, American Cyanamid & Chem Co, Hansa, Hamburg
CHLORATE—200 dms, 23,997 lbs, Charles Hardy, Black Gull, Antwerp
MURIATE—1,292,057 kilos, 30 bbls, N V Potash Export My, Hansa, Hamburg
SALT—10 cs, 23 kgs, P H Petry & Co, American Trader, London
SULPHATE—200 bgs, N V Potash Export My, Hansa, Hamburg
PYRETHRUM FLOWERS—75 bls, J Powell & Co, Norfolk, Kobe
75 bls, S B Penick & Co, Norfolk, Kobe
QUICKSILVER—65 flasks, Chase Natl Bank, Yucatan, Vera Cruz
QUININE SULPHATE—7 cs, 1,460 lbs, McKesson & Robbins, Black Gull, Antwerp
RICE FLOUR—200 pkgs, Stein, Hall & Co, Statendam, Rotterdam
ROOT, MEDICINAL—18 bgs, 2,420 lbs, R D Hines, Hansa, Hamburg
115 bgs, Hoegh Transporter, Trieste
27 bgs, Camamu, Bahia
ROSIN—568 cs, Colgate, Palmolive, Peet Co, Cauto, Tampico
SAFFRON, AMERICAN—44 bgs, 5,313 lbs, Exeter, Alexandria
SAGE LEAVES—28 cs, National City Bank, Hoegh Transporter, Trieste
30 cs, Coml Bank of Greece, Hoegh Transporter, Trieste
SAGO FLOUR—800 bgs, Chase Natl Bank, Kiyosumi, Singapore
2,225 bgs, Stein, Hall & Co, Kiyosumi, Singapore
2,939 bgs, Stein, Hall & Co, Amagisan, Sinapore
461 bgs, Amagisan, Singapore
SARSAPARILLA ROOT—2 bls, Geck Trading Com Co, Flatano, Puerto Cortes
11 bls, S B Penick & Co, Cauto, Tampico
SAWDUST—1,124 bgs, State Chem Co, Statendam, Rotterdam
SEED, MEDICINAL—10 cs, 1,322 lbs, R D Hines, Hansa, Hamburg
SHELLAC—10 cs, A Hurst & Co, Hansa, Hamburg
30 cs, 20 bgs, A Hurst & Co, Statendam, Rotterdam
SIENNA—33 bbls, 12,045 lbs, Reichard-Coulston, Exeter, Leghorn
SILICA—184 bgs, Whittaker, Clark & Daniels, Jean Jadot, Antwerp

SOAP—1,000 cs, 70 cyls, 2 bgs, Conti Product Corp, Exeter, Leghorn
STEARIC ACID—2 cs, Yardley & Co, Georgic, London
SODA CYANIDE—500 dms, 61,248 lbs, American Cyanamid & Chem Co, Black Eagle, Rotterdam
500 cs, American Cyanamid & Chem Co, Statendam, Rotterdam
HYDROSULPHITE—40 dms, Black Gull, Antwerp
PHOSPHATE—56 cks, 47,627 lbs, Innis, Speiden & Co, Hansa, Hamburg
SILICOFLUORIDE—100 bgs, Royal Bank of Canada, Hoegh Transporter, Venice
SOYBEAN MEAL—20 bgs, Consumers Import Co, Norfolk, Yokohama
SPERMACETI—25 cs, Caledonia, Glasgow
SPONGES—29 bls, Oriente, Havana
14 bls, American Sponge & Chamois Co, Oriente, Havana
21 bls, Schroeder & Tremayne, Santa Maria, Havana
15 bls, Yucatan, Havana
15 cs, American Trader, London
15 bls, Phoenix Shipping Co, Munargo, Nassau
9 bls, Munargo, Nassau
29 bls, J H Rhodes & Co, Munargo, Nassau
REFUSE—25 bls, American Sponge & Chamois Co, Oriente, Havana
5 bls, Schroeder & Tremayne, Santa Maria, Havana
15 bls, Phoenix Shipping Co, Munargo, Nassau
55 bls, Johns Manville Co, Munargo, Nassau
SQUILL—80 bgs, Maria, Catania
STARCH, POTATO—180 bgs, 39,600 lbs, Black Eagle, Rotterdam
RICE—40 bbls, Jean Jadot, Antwerp
100 bbls, Arabol Mfg Co, Black Gull, Antwerp
STRYCHNINE—1 cs, Pfaltz & Bauer, Hansa, Hamburg
SUMAC—350 bgs, France, Campbell & Darling, Maria, Palermo
700 bgs, 50 tons, E E Androvette, Maria, Palermo
350 tons, Tannin Corp, Maria, Palermo
TALC—200 bgs, L A Salomon & Bros, Exeter, Marseilles
400 bgs, Moore & Munger, Exeter, Marseilles
TAPIOCA FLOUR—751 bgs, H P Winter & Co, Japanese Prince, Batavia
1,070 bgs, Balfour, Guthrie & Co, Japanese Prince, Pamanoekan
275 bgs, Stein, Hall & Co, Japanese Prince, Cheribon
250 bgs, H P Winter & Co, Japanese Prince, Cheribon
650 bgs, Stein, Hall & Co, Japanese Prince, Batavia
2,397 bgs, Corn Product Refining Co, Frances, Puerto Plata
4,480 bgs, Stein, Hall & Co, Tanimbar, Sourabaya
1,000 bgs, H P Winter & Co, Tanimbar, Cheribon
500 bgs, Chase National Bank, Tanimbar, Cheribon
4,653 bgs, Stein, Hall & Co, Tanimbar, Cheribon
258 bgs, Chase National Bank, Tanimbar, Batavia
250 bgs, Public National Bank Trust Co, Tanimbar, Batavia
500 bgs, Continental Bank & Trust Co, Tanimbar, Batavia
28 bgs, Forvent Co, Tanimbar, Tandjong
20 bgs, Tanimbar, Java
250 bgs, Stein, Hall & Co, Tanimbar, Batavia
250 bgs, Bank of Manhattan, Tanimbar, Batavia
TARTAR—803 bgs, Charles Pfizer & Co, Maria, Bari
232 bgs, Maria, Naples
696 bgs, Tartar Chem Works, Exeter, Naples
201 bgs, Exeter, Naples
THYME LEAVES—2 bgs, National City Bank, Hoegh Transporter, Trieste
70 bls, Seeck & Kade, Exeter, Marseilles
TIMBO ROOT—269 bls, W R Grace & Co, Polycarp, Manaos
TRICHLORETHYLENE—75 dms, 51,480 lbs, International Selling Corp, Exeter, Marseilles
TUBA ROOT—20 bls, Brown Bros, Harriman Co, Kiyosumi, Singapore
20 bls, Mitsui & Co, Kiyosumi, Singapore
TUCUM KERNELS—300 bgs, Polycarp, Parnahyba
ULTRAMARINE — 1 ck, General Dyestuff Corp, Statedam, Rotterdam
UMBER—1,645 bgs, 180 tons, C K Williams & Co, Exhibitor, Larnaca
UREA—267 bgs, Advance Solvents & Chem Co, Statendam, Rotterdam
VALERIAN ROOT—40 bgs, Jean Jadot, Antwerp
VALONIA—798 bgs, 113,438 lbs, Exhibitor, Istanbul
VANILLA BEANS—22 cs, Guaranty Trust Co, Normandie, Havre
10 cs, Banco Nacional Mexico, Yucatan, Vera Cruz
12 cs, J Manheimer, Exeter, Marseilles
21 cs, Dodge & Olcott Co, Exeter, Marseilles
22 cs, Thurston & Braidich, Exeter, Marseilles
41 cs, L A Champon, Exeter, Marseilles
43 cs, Philadelphia Natl Bank, Exeter, Marseilles
WATER, MINERAL—100 cs, Westernland, Antwerp
82 cs, French Vichy, Manhattan, Havre
140 cs, Manhattan, Havre
WATTLE BARK—495 bgs, Tannin Corp, West Isleta, Durban
1,719 bls, Hammond & Carpenter, West Isleta, Durban
2,164 bls, West Isleta, Durban
WAX, BEES—25 bgs, Cauto, Tampico
2 bls, Angelina, San Juan
8 bgs, D Steengrafe, Oriente, Havana
100 bgs, L Brasileiro, Santaren, Santos
240 bgs, Strohmeyer & Arpe Co, Santaren, Rio de Janeiro
48 bgs, Schutte & Focke, San Juan, Azua
18 bgs, Mecke & Co, San Juan, Azua
27 bgs, Mecke & Co, Frances, Azua
180 bgs, Strohmeyer & Arpe Co, Camamu, Rio de Janeiro
300 bgs, D Steengrafe, Camamu, Rio de Janeiro
7 bgs, D Steengrafe, Yucatan, Havana
30 bgs, Yucatan, Havana
16 bgs, Exeter, Alexandria
CANDELILLA—245 bgs, D A Zorrilla, Cauto, Tampico
CANDLES—40 cs, Phoenix Shipping Co, Hansa, Hamburg
CARNAUBA—20 bgs, American Cyanamid & Chem Co, Santaren, Rio de Janeiro
151 bgs, Smith & Nichols, Camamu, Rio de Janeiro
91 bgs, American Cyanamid & Chem Co, Camamu, Rio de Janeiro
56 bgs, American Cyanamid & Chem Co, Polycarp, Ceara
34 bgs, Bank of London South America, Polycarp, Ceara
388 bgs, Strohmeyer & Arpe Co, Polycarp, Parnahyba
126 bgs, Strahl & Pitsch, Polycarp, Parnahyba
63 bgs, Bank of London South America, Polycarp, Parnahyba
63 bgs, F B Haas & Co, Polycarp, Parnahyba
MINERAL—23 bgs, General Dyestuff Corp, Statendam, Rotterdam

WAX, MONTAN—375 bgs, Strohmeyer & Arpe Co, Hansa, Hamburg
OZOKERITE—39 bgs, R M Dick, Manhattan, Hamburg
VEGETABLE—20 bgs, A Hurst & Co, Georgic, London
50 cs, H H Rosenthal Co, Amagisan, Kobe
100 cs, Willers, Engel & Co, Amagisan, Kobe
250 cs, Mitsui & Co, Amagisan, Kobe
200 cs, Strohmeyer & Arpe Co, Amagisan, Kobe
WOLFRAM ORE—598 bgs, Wah Chang Trading Corp, Amagisan, Hongkong
3,000 bgs, City of Dalhart, Canton
WOODFLOUR—400 bgs, State Chem Co, Statendam, Rotterdam
YEAST—200 bbls, 10 cs, Vulkan Yeast Co, Hansa, Hamburg
10 kgs, Hansa, Hamburg
ZINC CHLORIDE—10 dms, Westernland, Antwerp
OXIDE—6 cs, Yardley & Co, Georgic, London
50 bbls, 13,420 lbs, Orbis Product Trading Co, Exeter, Marseilles
ZINC AMMONIA CHLORIDE—21 bbls, American Cyanamid & Chem Co, Westernland, Antwerp

New York Transit Imports

AMMONIA PERCHLORATE—200 cs, Wallace & Co, Gripsholm, Gothenburg, Columbus
BRISTLES—10 cs, H Rosenhusch Co, Kiyosumi, Tientsin, Providence
CASSIA—200 bls, American Spice Mills, Amagisan, Hongkong, Chicago
CHALK—128 bgs, Georgic, London, Washington
GLASS, WINDOW—600 cs, Eastman Kodak Co, President Roosevelt, Hamburg, Rochester
1,320 cs, Eastman Kodak Co, Manhattan, Hamburg, Rochester
IRON OXIDE—1 cs, General Electric Co, Westernland, Antwerp, Schenectady
ISINGLASS—15 cs, G W Sheldon & Co, Berengaria, Southampton, Chicago
LOCUST BEANS—1,600 bgs, 223,520 lbs, Blatchford Calf Meal Co, Exhibitor, Linassoi, Waukegan, Ill
MENTHOL—80 cs, McKesson & Robbins, Norfolk, Otaru, Bridgeport
OIL, CODLIVER—42 dms, Upjohn Co, Manhattan, Hamburg, Kalamazoo
SPONGES—21 bls, Oriente, Havana, Paris
28 bls, Oriente, Havana, Havre
7 bls, Santa Maria, Havana, Havre
3 bls, Munargo, Nassau, Rotterdam
18 bls, Munargo, Nassau, Brussels
31 bls, Munargo, Nassau, London
REFUSE—7 bls, Munargo, Nassau, Rotterdam
5 bls, Munargo, Nassau, Brussels
53 bls, Munargo, Nassau, London

Baltimore Imports

ALUMINUM SILICATE ORE—149 tons, Markhor, Calcutta
CASEIN—265 bgs, Pipestone County, Bordeaux
714 bgs, City of Hamburg, Havre
CHEMICALS—10 cs, Baltimore & Ohio R R Co, City of Hamburg, Hamburg
20 csks, City of Hamburg, Hamburg
COPRA—500 tons, Procter & Gamble Co, Taybank, Cagayan
DERRIS ROOT—20 bls, Kano, Singapore
FISH MEAL—2,240 bgs, Kano, Yokohama
IRON ORE—11,000 tons, Bethlehem Steel Co, Santore, Daiquiri
21,500 tons, Bethlehem Steel Co, Lebore, Cruz Grande
7,450 tons, Leo J Buck, Luossa, Lulea
OXIDE—4 csks, E M & F Waldo, Cold Harbor, Liverpool
PIG—51 tons, City of Hamburg, Hamburg
MANGANESE ORE—1,400 tons, Steel Worker, Calcutta
1,510 tons, City of Tokio, Calcutta
OIL, CODLIVER—10 bbls, City of Hamburg, Hamburg
PEATMOSS—650 bls, City of Hamburg, Hamburg
PETROLEUM, CRUDE—101,570 bbls, Mexican Petroleum Corp, James McGee, Las Piedras
2,818,843 gals, Standard Oil Co of N J, Dean Emery, Tampico
POTASH MANURE SALT—985 tons, N V Potash Export My, Wasgenwald, Bremen
MURIATE—2,233 tons, N V Potash Export My, Wasgenwald, Bremen
PYRETHRUM FLOWERS—250 bls, Peter Maersk, Kobe
QUEBRACO EXTRACT—8,348 bgs, Tanning Corp, West Selene, Buenos Aires
2,460 bgs, West Selene, Buenos Aires
6,800 bgs, International Products Co, West Selene, Buenos Aires
SALTPETER—454 bgs, Liberty, Hamburg
SARDINE MEAL—3,291 bgs, Peter Maersk, Yokohama
2,000 bgs, Kano, Kobe
2,240 bgs, Kano, Yokohama
SODA BROMIDE—50 cs, American Express Co, City of Hamburg, Hamburg
TALC—400 dble bgs, Peter Maersk, Kobe
1,600 bgs, Pipestone County, Bordeaux
TANKAGE—1,815 bgs, West Selene, Montevideo

Boston Imports

BARYTES—600 bgs, 55,115 lbs, Exeter, Genoa
BATH SALT—12 cs, R H Stearns Co, American Trader, London
BONES—65 tons, Eastman Gelatin Co, Capillo, Buenos Aires
269,989 lbs, Swift & Co, Capillo, Montevideo
915 bgs, 100,860 lbs, Capillo, Santos
BRISTLES—1 cs, American Trader, London
CASFIN—835 bgs, 110,457 lbs, Chemical Bank & Trust Co, Capillo, Buenos Aires
CASSIA—50 bls, D & L Slade Co, Noto, Hongkong
CHEMICALS—120 cks, Advence Solvents & Chemical Co, Maasdam, Rotterdam
103 dms, Maasdam, Rotterdam
20 cks, American Cyanamid & Chemical Co, Maasdam, Rotterdam
10 cks, Philipp Bros, Maasdam, Rotterdam
5 dms, 1 ton, 11 lbs, Cuprinol, Inc, Samaria, Liverpool
COCOA BEANS—2,000 bgs, 264,552 lbs, Marresia, Ilheos
11,000 bgs, 1,455,096 lbs, Bankers Trust Co, Marpesia, Ilheos
2,000 bgs, 264,552 lbs, Philadelphia National Bank, Marpesia, Ilheos
2,000 bgs, 264,552 lbs, Royal Bank of Canada, Marpesia, Ilheos
3,000 bgs, 396,828 lbs, Nieschlag & Co, Marpesia, Ilheos
2,100 bgs, 277,780 lbs, Wessels, Kulenkamoff & Co, Capillo, Bahia
COCONUT, DESIC—250 cs, President Hayes, Manila
DRUGS—25 cs, H P Lambert & Co, American Trader, London
FMERY FILLET—9 cs, C E Quinn, Samaria, Liverpool
POWDER—65 bgs, 1 cs, Nicholson & Co, American Trader, London
ERICA ROOT—107 bgs, Hoegh Transporter, Trieste
FERTILIZER—4,400 bgs, 970,024 lbs, Karmoy, Bremen

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FISH LIVERS—1 bx, from Nova Scotia
285 tins, Assano Bussen Co, Tokai, Kobe
75 cs, Asano Bussen Co, Tokai, Yokohama
2 cs, H M Crocker, Yarmouth, Yarmouth
3 cs, from Yarmouth
MEAL—2,074 bgs, National City Bank, Montreal, Yokohama
2,000 bgs, Mitsubishi Shoji Kaisha, Montreal, Yokohama
FULLERS' EARTH—250 bgs, L A Salomon & Bro, American Trader, London
GLASS, WINDOW—4 cs, 1 ton, 7 cwt, 2 qr, Samaria, Liverpool
GLUE, HIDE, GROUND—100 bgs, Vulcania Trieste
MARINE—13 crtn, and 9 dms, L W Ferdinand & Co, American Trader, London
GLUESTOCK—100 bgs, President Hayes, Bombay
91 bls, E Butterworth, Maasdam, Rotterdam
FISH SCRAP—2 bbls, J R Poole Co, Yarmouth, Yarmouth
5 cs, J A Rich, Yarmouth, Yarmouth
4 bbls, J R Poole Co, Yarmouth, Yarmouth
HIDE CUTTINGS—538 bgs, 30 tons, 4 cwt, 1 qr, 9 lb, Samaria, Liverpool
GUM—11 csks, 3,430 lbs, Exeter, Marseilles
ARABIC—150 bgs, Innis Speiden & Co, Forthbank, Fort Sudan
100 bgs, Paul A Dunkel & Co, Forthbank, Port Sudan
INDUSTRIAL—90 bgs, President Hayes, Marseilles
10 csks, President Hayes, Marseilles
25 bgs, J P Marston & Co, Samaria, Liverpool
LOCUST BEAN—25 cs, T M Duche & Sons, President Hayes, Genoa
HYPOPHOSPHITES—44 cs, Angier Chemical Co, American Trader, London
INSECTICIDE—4 cs, American Express Co, American Trader, London
MICA BLOCK—32 cs, Forthbank, Calcutta
SPLITTINGS—16 cs, 50 bgs, Wallace Bros & Co, Forthbank, Calcutta
200 bgs, Forthbank, Calcutta
OCHER—19 csks, 11,830 lbs, Stone & Downer, Exeter, Marseilles
OIL, COD—70 dms, Marden Wild Corp, Yarmouth, Yarmouth
473 dms, Marden Wild Corp, Connoisseur, Halifax
14 bbls, Marden Wild Corp, Yarmouth, Yarmouth
30 csks, from Yarmouth
OLIVE—150 cs, Prince Macaroni Mfg Co, President Hayes, Genoa
OLIVE SULPHUR—200 dms, Ionian Bank, Hoegh Transporter, Piraeus
SPERM—200 bbls, 25 dms, Caledonia, Glasgow
PETROLEUM, CRUDE—64,505 bbls, 9,684 tons, Colonial Beacon Oil Co, Leda, Las Piedras
11,934 tons, Colonial Beacon Oil Co, Persephone, Caripito
76,746 bbls, 11,260 tons, Colonial Beacon Oil Co, Beaconstreet, Caripito
POTASH, MURIATE—2,500 tons, N V Potash Export Mij, Karmoy, Bremen
QUEBRACHO EXTRACT—7,260 bgs, 794,632 lbs, International Products Corp, Capillo, Buenos Aires
9,093 bgs, 1,046,080 lbs, Tannin Corp, Capillo, Buenos Aires
ROSIN—1 crtn, American Express Co, American Trader, London
SAGO FLOUR—737 bgs, Arnold Hoffman Co, President Hayes, Singapore
747 bgs, Arnold Hoffman Co, Tanimbar, Singapore
SALTPETER—227 bgs, 50,044 lbs, Karmoy, Bremen
SENNA LEAVES—25 bls, R J Prentiss, President Hayes, Colombo
PODS—40 bls, R J Prentiss, President Hayes, Colombo
SHELLAC—20 cs, J Henry Schroeder Banking Corp, Maasdam, Rotterdam
SEEDLAC—200 bgs, First National Bank, Forthbank, Calcutta
SIZING COMPOUND—30 bgs, 3 tons, 1 cwt, 8 lbs, Anquin Printing Co, Samaria, Liverpool
SOAP—75 cs, 3,011 lbs, Conti Products Corp, Exeter, Leghorn
TOILET—1 cs, American Express Co, American Trader, London
SPONGES—4 cs, D C Andrews & Co, American Trader, London
STARCH, POTATO—250 bgs, Maasdam, Rotterdam
250 bgs, Guaranty Trust Co, Maasdam, Rotterdam
SOLUBLE—100 bgs, Guaranty Trust Co, Maasdam, Rotterdam
TALC—200 bgs, L A Salomon & Bros, President Hayes, Marseilles
TAPIOCA FLAKE SIFTINGS—100 bgs, National City Bank, Tanimbar, Sourabaya

Fall River Imports

OIL, FUEL—27,809 bbls, Shell Terminal Corp, Auria, Curacao

Galveston Imports

COCONUTS—250 sks, San Blas, Puerto Cortez
PEATMOSS—1,125 bls, Hybert, Hamburg

Gloucester Imports

CODLIVER OIL CAKE—100 bbls, 22,595 lbs, from Prince Edward Island
OIL, COD—24 bbls, from Quebec
CODLIVER—30 bbls, 1,213 gls, from Quebec

Houston Imports

MUSTARD DROSS—360 bgs, San Mateo, Antwerp

Los Angeles Imports

AGAR AGAR—50 lbs, Amagisan, Yokohama
160 lbs, Shunten, Osaka
AMMONIA PHOSPHATE—67,200 lbs, Rochelle, Trail
SULPHATE—200,000 lbs, Shunten, Osaka
499,980 lbs, Shunten, Kobe
447,880 lbs, Shunten, Tokyo
BONE PHOSPHATE—56,000 lbs, Knute Nelson, Brussels
CALCIUM ARSENATE—67,200 lbs, Nauman, Kobe
CARDAMON—1,120 lbs, Corneville, Colombo
CHEMICAL COMPOUND—900 lbs, Noto, Yokohama
150 lbs, Amagisan, Yokohama
1,000 lbs, Tokai, Tokyo
COALTAR DEHYDRATED—52,220 lbs, Gregalia, London
COCONUT DESIC—70,000 lbs, Tai Yin, Manila
74,410 lbs, President Cleveland, Manila
117,320 lbs, Pleasantville, Manila
COPPERAS—24,800 lbs, Weser, Antwerp
COPRA—740,000 lbs, Pleasantville, Zamboanga
336,000 lbs, Pleasantville, Jolv, P I
1,903,970 lbs, Pleasantville, Manila
1,081,920 lbs, Pleasantville, Cebu
MEAL—1,320,000 lbs, Silverwillow, Manila
336,000 lbs, Pleasantville, Manila
CORIANDER SEED—President Adams, Marseilles
COTTONSEED MEAL—200,000 lbs, Nauman, Kobe
FERTILIZER—200,000 lbs, Shunten, Yokohama
COMPOUND—470,010 lbs—Shunten, Kobe
FISH MEAL—99,990 lbs, Shunten, Kobe
112,000 lbs, Shunten, Tokyo
GLASS SHEET—5 cs, 4,590 lbs, Stassfurt, Brussels
10 cs, 5,020 lbs, Stassfurt, Dresden
30 cs, 1,650 lbs, Knute Nelson, Charleroi
6 cs, 5,480 lbs, Knute Nelson, Brussels
8 cs, 7,130 lbs, Weser, Prague
GUANO—24,790 lbs, From Jaurez
GUM COPAL—10,240 lbs, Silverwillow, Macassar
DAMMAR—11,200 lbs, Silverwillow, Singapore
TURPENTINE SPIRIT—48,860 lbs, From Guadalajara
GYPSUM—76,020,000 lbs, Griffco, San Marcos Island
HERBS, CRUDE—50 lbs, Amagisan, Yokohama
LIME, HYDRATED—35,640 lbs, Rochelle, Canada
MEDICINAL PREPS—5,250 lbs, from Belfast
100 lbs, Shunten, Osaka
NUTMEGS—10,000 lbs, Saparoea, Singapore
OIL, CODLIVER—28,130 lbs, Knute Nelson, Malmo
33,000 lbs, Knute Nelson, Bergen
COTTONSEED—673,220 lbs, Nanman, Kobe
CREOSOTE—204,980 lbs, Gustaf E Reuter, London
OLIVE—6,150 lbs, President Adams, Leghorn
PALM—2,516,150 lbs, Saparoea, Medan
PEANUT—9,700 lbs, Brandanger, Rio de Janeiro
SOYBEAN—4,000 lbs, Noto, Yokohama
350 lbs, Amagisan, Yokohama
VEGETABLE—26,000 lbs, Nanman, Kobe
PEATMOSS—313,600 lbs, Knute Nelson, Malmo
55,070 lbs, Europa, Gotebors
PEPPER—11,200 lbs, Cleveland, Madras
PERFUMERY—370 lbs, from London
POTASH, CARBONATE—11,440 lbs, Weser, Hamburg
PYRETHRUM EXTRACT—240 lbs, Shunten, Kobe
QUICK LIME—411,280 lbs, Rochelle, Canada
RAPESEED—20,000 lbs, Asuka, Kobe
SARDINE MEAL—766,800 lbs, Shunten, Kobe
334,000 lbs, Shunten, Tokio
100,000 lbs, Shunten, Yokohama
SESAME MEAL—20,000 lbs, Shunten, Kobe
SEED—67,260 lbs, Cleveland, China
SHELLAC—32,800 lbs, Saparoea, Calcutta
SILVERSAND—1,792,000 lbs, Kattegat, Antwerp
SOAP—130 lbs, Shunten, Kobe
GLYCERIN—10 lbs, Pacific Ranger, Birmingham
SOFT—2,240 lbs, Knute Nelson, Oslo
TOILET—290 lbs, from London
WASHING—110 lbs, Shunten, Kobe
SODA, CHLORATE—50,000 lbs, Weser, Paris
SUPERPHOSPHATE — 67,200 lbs, Rochelle, Trail
TAPIOCA FLOUR—67,220 lbs, Silverwillow, Batavia
TOILET PREPS—90 lbs, Shunten, Kobe
230 lbs, from London
WATER—30 lbs, Kossi, Kobe
WATER, MINERAL—2,240 lbs, President Adams, Marseilles
WAX, MINERAL—67,450 lbs, Pleasantville, Batavia
52,940 lbs, Europa, Copenhagen
WHITING—6,610 lbs, Nanman, Osaka
ZINC OXIDE—5,510 lbs, Wisconsin, Antwerp

New Orleans Imports

BAUXITE ORE—2,760 tons, Republic Mining & Mfg Co, Austvangen, Paramaribo
2,815 tons, Republic Mining & Mfg Co, Lindvangen, Paramaribo
COCOA BEANS—800 sks, Fruit Dispatch Co, Tela, Almirante
COCONUTS—300 sks, Whitney Bank, Tela, Cristobal
667 sks, Standard Fruit & Steamship Co, Contessa, Ceiba
800 sks, Fruit Dispatch Co, Newsome, Tela
10 sks, F Beyer, Lindvangen, Georgetown
100 sks, W R Grace, Lindvangen, Kingston
PAINT, PREPARED—80 cs, United Fruit Co, Tela, Cristobal
PEATMOSS—1,140 bbls, Hagen, Bremen
TONCA BEANS—69 csks, Lindvangen, Paramaribo

Norfolk Imports

BLOOD, DRIED—359 bgs, 23 tons, Ashcraft Wilkinson Co, Paraguayo, Buenos Aires
2,460 bgs, 119 tons, Jose C Jett, Paraguayo, Buenos Aires
BONES—446 bgs, 60,118 lbs, Swift & Co, Paraguayo, Buenos Aires
2,975 bgs, Paraguayo, Buenos Aires
CALCIUM NITRATE—972 tons, Synthetic Nitrogen Product Corp, Toronto, Oslo
CRACKLINGS—1,968 bgs, 98 tons, H J Baker & Bros, Paraguayo, Buenos Aires
OIL, PALM—478 tons, Kota Inten, Cheribon
SAGO FLOUR—1,474 bgs, Silversandal, Singapore
TANKAGE—2,032 bgs, 223,980 lbs, Chase Natl Bank of N Y, Paraguayo, Buenos Aires
500 bgs, 21 tons, H J Baker & Bros, Paraguayo, Buenos Aires
900 bgs, 48 tons, Paraguayo, Buenos Aires
2,000 bgs, 98 tons, Jos C Jett, Paraguayo, Buenos Aires
TAPIOCA FLOUR—1,247 bgs, Guaranty Trust Co, Kota Inten, Cheribon

Philadelphia Imports

AMMONIA, SULPHATE—1,000 bgs, Bradley & Baker, Black Condor, Rotterdam
ASPHALT—40,064.40 bbls, Sinclair Refining Co, Swiftscout, Tampico
BAUXITE—2,011 tons, Aluminum Union, Ltd, Bauta, Georgetown, Demerara
BRISTLES—18 cs, Chrestnutt, Cooper & Co, Noto, Mukden
74 cs, N Wagman & Co, Noto, Tientsin
CANARY SEED—250 bgs, Exhibitor, Tekirdag
500 bgs, R T French Co, Exhibitor, Tekirdag
CARAWAY SEED—100 bgs, R T French Co, Black Condor, Rotterdam
CASSIA, BROKEN—50 bls, R T French Co, Noto, Hongkong
800 bls, R T French Co, Noto, Canton
ROLLS—100 bls, L H Parke Co, Noto, Hongkong
CHEMICALS—203 cks, Chemnitz, Bremen
23 cks, Ceramic Color & Chemical Mfg Co, Black Condor, Rotterdam
250 cks, African Metal Corp, Black Condor, Antwerp
40 cks, Royal Bank of Canada, Black Condor, Antwerp
40 bbls, Innes Speiden & Co, Black Condor, Antwerp
CHINA CLAY—1,822 tons, 9 cwt, 1 qtr, 21 lbs, English China Clays Sales Corp, Loke, Fowey
1,020 tons, 10 cwt, Moore & Munger, Loke, Fowey
CHROME ORE—5,251.55 tons, Cuban Industrial Ore Co, Annavore, Nuevitas
CLAY—188 bgs, L A Salomon & Bro, Chemnitz, Hamburg
BALL—140 tons, 3 cwt, English China Clays Sales Corp, Loke, Fowey
FLINT—435 tons, Moore & Munger, Loke, Fowey
CHINA STONE, GROUND—75 tons, 18 cwt, English China Clays Sales Corp, Loke, Fowey
CLAY, POTTERS, UNWROUGHT—50 tons, Hammill & Gillespie, Loke, Fowey
COCOA BEANS—3,471 bgs, W & A Leaman, New Texas, Lagos
696 bgs, Superintendence Co, New Texas, Lagos
766 bgs, Cie Francaise de l'Afrique Occidentale, New Texas, Winnebah
26,500 bgs, Balfour, Guthrie & Co, New Texas, Accra
2,000 bgs, Royal Bank of Canada, Marpesia, Ilheos
6,500 bgs, Nieschlag & Co, Marpesia, Ilheos
5,000 bgs, Bankers Trust Co, Marpesia, Ilheos
2,252 bgs, Balfour, Guthrie & Co, Zarembo, Apapa
750 bgs, Superintendence Co, Zarembo, Grand Bassam
1,471 bgs, Balfour, Guthrie & Co, Zarembo, Lagos
7,100 bgs, G B Ollivant, Ltd, Zarembo, Accra
3,200 bgs, Balfour, Guthrie & Co, Zarembo, Winnebah
11,200 bgs, Balfour, Guthrie & Co, Zarembo, Takoradi
8,900 bgs, G B Ollivant, Ltd, Zarembo, Takoradi
CRYOLITE—3,000 tons, Penna Salt Mfg Co, Borgfred, Ivigtut
CUTCH—100 cs, Markhor, Calcutta
DYEWOOD—1,117,600 kilos, Phila Nat Bank, Gudenaa, Tunas de Zaza
FLINT STONES—61 cs, Buedendorf Bros, Black Condor, Antwerp
FUSTIC WOOD—254,000 kilos, Phila Nat Bank, Gudenaa, Tunas de Zaza
GLASS, WINDOW—6 cs, H Perlistein, Black Condor, Antwerp
45 cs, Wm C Tatcher & Co, Black Condor, Antwerp
5 cs, Black Condor, Antwerp
GLUE, DRY—100 bgs, Chemnitz, Bremen
BONE, GROUND—50 bgs, N L Lederer, Chemnitz, Hamburg
LICORICE ROOT—3,063 bls, and 6 bgs, MacAndrews & Forbes Co, Exhibitor, Alexandretta
5,754 bls, Bank of Greece, Exhibitor, Killini
MAGNESITE, CALC—530 bgs, Exhibitor, Salonica
DEAD BURNT—2,039 bgs, Amtorg Trading Corp, Scanmail, Leningrad
MANGANESE—2 bbls, Wm J Jones & Co, Chemnitz, Hamburg
MILK POWDER—880 bgs, Black Condor, Rotterdam
440 bgs, H K Clofine, Black Condor, Rotterdam
400 bgs, Balfour, Guthrie & Co, Black Condor, Rotterdam
MOLASSES—1,421,993 gls, North American Trading & Import Co, Kishacoquillas, San Juan
1,334,383 gls, Cuba Distilling Co, Carrabulle, Bufadero
MYROBALANS—4,190 pockets, Guaranty Trust Co, Markhor, Calcutta
OIL, CODLIVER—35 dms, Chemnitz, Bremen
100 dms, Silmo Chemical Co, Scanmail, Copenhagen
CORN—169,685 kilos, C F Simonins Sons, Black Condor, Rotterdam
237 dms, C F Simonins Sons, Black Condor, Antwerp
FUEL—2,690,304 gls, Socony Vacuum Oil Co, Argon, Aruba
PALM—41 csks, Balfour, Guthrie & Co, Zarembo, Abonema
OSSEIN—846 bgs, Black Condor, Antwerp
PEATMOSS—2,500 bls, Chemnitz, Bremen
982 bls, Amtorg Trading Corp, Max Hoelz, Leningrad
PEPPER, WHITE—61 bgs, Catz American Co, Taybank, Batavia
PETROLEUM, CRUDE—115,318 bbls, Gulf Oil Corp, Gulfwing, Las Piedras
89,950 bbls, 2 cans (samples) Gulf Oil Corp, Gulfpenn, Las Piedras
DERIVATIVES, CRUDE—100 dms, Chemnitz, Hamburg
PINENEEDLE POWDER—2 cs, J A Steer & Co, Chemnitz, Bremen
POPPYSEED—100 bgs, R T French Co, Black Condor, Rotterdam
PYRITES—4,000 tons, General Chemical Co, Julianne 1, Quebec
6,180 tons, General Chemical Co, Parracombe, Quebec
SAGO FLOUR—371 bgs, Taybank, Singapore
SODA, SILICOFLUORIDE—40 bbls, H Kohnstamm, Chemnitz, Hamburg
SUGAR BEET PULP, DRIED—6,720 bgs, Hoegh Transporter, Fiume
TAPIOCA FLOUR—273 bgs, Nat'l City Bank, Kota Inten, Sourabaya
250 bgs, Guaranty Trust Co, Kota Inten, Tjilatjap
500 bgs, Java American Export Co, Taybank, Sourabaya
500 bgs, Taybank, Batavia
FLAKE SIFTINGS—260 bgs, Nat'l City Bank, Kota Inten, Sourabaya

Portland, Ore., Imports

MUSTARD—10 cs, Aitantis Sales Co, Delftdijk, London
MOLASSES—510 tons, Makua, Port Allen
TAPIOCA FLOUR—276 sks, Guaranty Trust Co, Bintang, Sourabaya
PEARL—25 sks, American Trust Co, Bintang, Sourabaya
SEEDS—25 sks, American Trust Co, Bintang, Sourabaya

San Francisco Imports

ACID, CITRIC—44 cs, Matsonia, Honolulu
AGAR AGAR—5 bls, Anglo-California National Bank, President Cleveland, Kobe
ALBUMEN, EGG HEN—28 cs, Stein, Hall & Co, President Cleveland, Tientsin
ALCOHOL—100 dms, Matsonia, Honolulu
8 bbls, Maunawili, Honolulu
DENATURED—25 dms, Maunawili, Honolulu
AMMONIA PHOSPHATE—600 sks, Balfour, Guthrie & Co, Rochelle, Vancouver
5,340 sks, Balfour, Guthrie & Co, Rochelle, Vancouver (for Oakland)
SULPHATE—3,760 sks, Balfour, Guthrie & Co, Kingsley, Vancouver
ARSENIC—1,645 bbls, General Chemical Co, Margaret Johnson, Skellefteham
BEESWAX—9 cs, Makawao, Honolulu
20 cs, Makawao, Ahukini
6 sks, Maunawili, Honolulu
BLEACHING POWDER—90 dms, Wilson & George Meyer & Co, Stassfurt, Antwerp
BONES, GRANULATED—4,407 sks, and 480,740 kilos, Brandanger, Buenos Aires
CALCIUM CITRATE—5 cs, Malolo, Honolulu
CHEMICALS—20 cks, F Rudloff, Stassfurt, Hamburg
10 cks, Advance Solvents & Chemical Corpn, Stassfurt, Antwerp
CHILLIES—20 sks, McClintock-Stern Co, Stassfurt, Hamburg
COCOA BEANS—2,080 sks, American Trust Co, Brandanger, Para
COCONUT, DESIC—300 cs, Consoli Bros, Tai Yin, Davao
2,396 cs, Franklin Baker Co, Tai Yin, Manila
867 cs, Durkee Famous Foods, Tai Yin, Manila
1,000 cs, J E Lowden, President Cleveland, Manila
COCONUT, DESIC—690 cs, Wood & Selick, President Cleveland, Manila
1,094 cs, Durkee Famous Foods, President Cleveland, Manila
1,365 cs, Philippine Desiccated Coconut Corpn, President Cleveland, Manila
1,975 cs, Franklin Baker Co, President Cleveland, Manila
975 cs, Durkee Famous Foods, President Cleveland, Manila
COCONUTS—50 sks, Makawao, Ahukini
75 sks, Tropical Fruit Co, Stassfurt, Cristobal
COLOR, CHEESE—1 dm, S A Winther & Co, Stassfurt, Hamburg
COPRA—650 tons, Durkee Famous Foods, Texas, Dumaguete
474 tons, Durkee Famous Foods, Texas, Masbate
500 tons, Durkee Famous Foods, Texas, Tobaco
150 tons, Best Foods, Texas, Tobaco
400 tons, Texas, Siain
290 tons, El Dorado Oil Woks, Texas, Cebu (for Oakland)
660 tons, Durkee Famous Foods, Texas, Cebu
500 tons, R J Roesling & Co, Texas, Cebu
500 tons, Best Foods, Texas, Cebu
EGG YOLK, HEN—30 cs, Bashaw Co, Nanman, Shanghai
28 cs, Stein, Hall & Co, President Cleveland, Tientsin
GLASS, SHEET—500 cs, H B Mills & Co, Beranger, Antwerp
WINDOW—500 cs, H B Mills & Co, Beranger, Antwerp
1 cs, R K Davidson, Stassfurt, Hamburg (for Oakland)
18 cs, H Maran, Stassfurt, Hamburg (for Oakland)
8 cs, East Bay Glass Co, Stassfurt, Antwerp (for Oakland)
2 cs, J Henry Schroeder Banking Corpn, Stassfurt, Hamburg
11 cs, R K Davidson, Stassfurt, Hamburg
GUM COPAL—135 sks, Michael Fried, Tai Yin, Manila
DAMMAR—28 sks, Hongkong & Shanghai Banking Corpn, President Cleveland, Hongkong
HONEY—17,308 lbs, Makawao, Ahukini
HOPS—1 bl, J L Barth & Sons, Stassfurt, Bremen
INK—2 cs, Chew Chong Tai, President Cleveland, Hongkong
1 cs, Aoki Taiseido Co, Tai Yin, Yokohama
10 cs, Fung Chong, President Cleveland, Hongkong
3 cs, Shun On, President Cleveland, Hongkong
INSECTICIDE, POWD—16 cs, 2 dms, International Trading Co, Nanman, Kobe
KAVA KAVA—32 sks, S B Penick & Co, Matsonia, Hilo
KELP MEAL—100 sks, Slato Trading Co, Nanman, Yokohama
200 sks, Oakland Food Products Co, Nanman, Yokohama
LARD, VEGETABLE—1,000 tins, M S Cowen Co, President Cleveland, Manila
1,000 tins, David B Berelson, President Cleveland, Manila
MARGARIN—500 cs, M S Cowen Co, President Cleveland, Manila
1,200 cs, David B Berelson, President Cleveland, Manila
10 cs, President Cleveland, Manila
MEDICINAL PREPS—6 cs, Columbia Co, President Cleveland, Hongkong
7 cs, Fung Chong, President Cleveland, Hongkong
55 pkgs, Fong Poy, President Cleveland, Hongkong
1 cs, Wing Hing Chong, President Cleveland, Hongkong
94 pkgs, Yan Nin Tong, President Cleveland, Hongkong
12 cs, Oy Wo Tong, President Cleveland, Hongkong
2 cs, Kwong Yick, President Cleveland, Hongkong
MOLASSES—1,000 tons, Matsonia, Honolulu
1,000 tons, Maliko, Hilo
1,010 tons, Maunawili, Port Allen
OIL, CHINAWOOD—600 tons, S L Jones & Co, Nanman, Shanghai
CODLIVER—10 dms, Chas L Huisking & Co, Stassfurd, Hamburg
COTTONSEED—23 dms, National City Bank of N Y, Brandanger, Para
82 dms, Brandanger, Para
MEDICINAL—1 cs, Chew Chong Tai, President Cleveland, Hongkong
MINERAL, WHITE—50 dms, Stassfurt, Antwerp
PEANUT—200 cs, Columbia Co, President Cleveland, Hongkong
100 cs, Fung Chong, President Cleveland, Hongkong
64 cs, Hip Hing Co, President Cleveland, Hongkong
30 cs, Woo Kee Co, President Cleveland, Hongkong
50 cs, Kwong Yick, President Cleveland, Hongkong
RAPESEED, REFD—Quantity, Mitsubishi Shoji Kaisha, Nanman, Moji
PEATMOSS—1,351 bls, Peat Import Corp, Stassfurt, Bremen (for Oakland)
POTASH CHLORATE—300 cks, Uniform Chemical Products, Stassfurt, Hamburg (for Oakland)
SALTPETER—227 sks, Stassfurt, Bremen
SESAME MEAL—2,000 sks, Balfour, Guthrie & Co, Nanman, Nagoya
SOAP—31 cs, Swedish Imports & Exports Co, Margaret Johnson, Stockholm
20 cs, American Import Co, Stassfurt, Hamburg
STARCH—13 cs, Fung Chong, President Cleveland, Hongkong
30 cs, Ying Fat Lung, President Cleveland, Hongkong
TALC STONE—1 pkg, The East Asiatic Co, Inc, Nanman, Shanghai
TALLOW—4 bbls, Matsonia, Hilo
TAPIOCA FLOUR—105 sks, Hoyt, Shepston & Sciaroni, Hongkong
TOILET PREPS—6 cs, Swedish Imports & Exports Co, Margaret Johnson, Stockholm

Savannah Imports

SAGO FLOUR—2,206 bgs, Silversandal, Singapore

Seattle Imports

BOILER COMPOUND—5 cks, Pacific Pioneer, Manchester
CARAWAY SEED—50 sks, D Hecht Co, Delftdijk, Rotterdam
CHEMICALS—100 dms, E F Houghton & Co, Delftdijk, Rotterdam
MUSTARD—13 cs, Atlantis Sales Co, Delftdijk, London
PEPPER, BLACK—83 sks, Bintang, Oosthaven
WHITE—81 sks, Bintang, Batoeroesa
SODA CYANIDE—384 cs, American Cyanamid & Chemical Corp, Delftdijk, Rotterdam

Tampa Imports

BONE MEAL—1,954 bgs, Hagen, Hamburg
FERTILIZER—5,000 bgs, Hagen, Bremen

Exports from U.S. Ports

New York Exports

Clearance Dates

Agwistar, September 10; American Farmer, September 21; Aquitania, September 16; Baron Saltoun, September 21; Bergensfjord, September 11; Black Osprey, September 23; Black Tern, September 15; Borinquen, September 17; Bremen, September 21; Britannic, September 16; Cameronia, September 18; Carabobo, September 10; Carinthia, September 18; Coamo, September 24; Cumbal, September 18; Cypria, September 21; Cyprian Prince, September 26; Dundrum Castle, September 17; Emile Francqui, September 19; Falcon, September 16; Fort Townshend, September 4; Isarco, September 21; Kem, September 21; Lafayette, September 22; Maclaren, September 22; Martinique, September 8; Mayari, September 15; Musa, September 18; Norden, September 18; Normandie, September 11; Oriente, September 4, 11; Orizaba, September 9; Padnsay, September 18; Pastores, September 17; Paul H. Harwood, September 20; Ponce, September 19; President Harding, September 15; Quaker City, September 21; Quirigua, September 17; Santa Clara, September 11; Satartia, September 19; Schodack, September 25; Selma City, September 19; Sessa, September 16; Severoles, September 16; Silversandal, September 23; Southern Prince, September 18; Tonsbergfjord, September 3; Troubador, September 26; Ulua, September 12; Veendam, September 18; Volendam, September 11; Yucatan, September 16

ACETONE—12,360 lbs, Bergenfjord, Oslo; 2,070 lbs, Malaren, Helsinki

ACID, CITRIC—60 lbs, Falcon, San Juan
DRY—2,490 lbs, Carinthia, Bombay
SULPHURIC—2,700 lbs, Quirigua, Havana; 7,552 lbs, Sessa, Tocopilla; 61,622 lbs, Dundrum Castle, East London; 1,260 lbs, Norden, St Croix

ALCOHOL, BUTYL—110 gls, Bergensfjord, Oslo
DENATURED—1,100 gls, Ulua, Cartagena

ALUMINA SULPHATE—2,020 lbs, Norden, Trinidad

AMMONIA, ANHYD—1,096 lbs, Musa, Porto Barrios
NITRATE—12,025 lbs, Satartia, Santos
PHOSPHATE—2,260 lbs, City of Elwood, Manila
SULPHATE—(Ponce) 405,000 lbs, Humacao; 303,750 lbs, Guanica

ASPHALT—4,060 lbs, Quirigua, Havana; 5,032 lbs, American Farmer, London; 14,407 lbs, Bergensfjord, Oslo; 40,015 lbs, Sessa, Buenaventura; 298,712 lbs, Ponce, San Juan; 46,829 lbs, Schodack, Dunkirk

LIQUID—12,953 lbs, Satartia, Montevideo; 11,223 lbs, American Shipper, Liverpool; 9,700 lbs, Silversandal, Manila
SOLID—120,082 lbs, Carinthia, Liverpool; (American Shipper) 133,518 lbs, Liverpool; 52,478 lbs, Manchester; 22,563 lbs, Malaren, Stockholm

BARK—2,532 lbs, Veendam, Rotterdam

BENZOL—2,035 gls, Satartia, Buenos Aires; 10,285 gls, Cypria, Lisbon

BLUE, ULTRAMARINE—224 lbs, Ulua, Panama City

BUTYL ACETATE—1,770 lbs, Bergensfjord, Oslo

CADMIUM SULPHIDE—2,745 lbs, President Harding, Hamburg

CALCIUM ARSENATE—56,020 lbs, Santa Clara, Buenaventura

CARBIDE—12,909 lbs, Borinquen, Ciudad; 139,920 lbs, Severcles, Nuevitas; 8,162 lbs, Sessa, Buenaventura

GLUCONATE—791 lbs, American Farmer, London

CASEIN—1,150 lbs, Britannic, London

CATTLE DIP—3,322 lbs, Pastores, Porto Colombia

CHEMICALS—2,941 lbs, Black Tern, Antwerp; 11,620 lbs, Satartia, Buenos Aires; 2,795 lbs, Carinthia, Liverpool; 2,160 lbs, Yucatan, Vera Cruz

CLAY—20,400 lbs, American Farmer, London

CLEANER, DRY—2,192 lbs, Britannic, London

COALTAR—5,588 lbs, Sessa, Pisco

INTERMEDIATES—2,529 lbs, American Shipper, Manchester

COLOR, DRY—(Munargo) 3,682 lbs, Havana; 4,391 lbs, Havana

CORN FLOUR—1,269 lbs, Musa, Porto Barrios; 8,841 lbs, Sessa, Callao

SUGAR—5,050 lbs, Carinthia, Liverpool; 16,920 lbs, Cyprian Prince, Bristol; 2,233 lbs, Schodack, Dunkirk
SYRUP—750 lbs, Fort Townshend, St Johns; 3,857 lbs, Musa, Porto Barrios; 3,031 lbs, Sessa, Buenaventura; 9,862 lbs, Ponce, San Juan

CREAM TARTAR—606 lbs, Yucatan, Vera Cruz

DEXTRIN—6,780 lbs, Britannic, London; 1,276 lbs, Munargo, Havana; 1,410 lbs, Orizaba, Vera Cruz

DIBUTYL PHTHALATE—5,059 lbs, American Shipper, Liverpool

DIETHYL SULPHATE—11,860 lbs, Schodack, Havre

DINITROCHLOROBENZOL—1,540 gls, Southern Prince, Rio de Janeiro

DISINFECTANT—5,297 lbs, Ulua, Panama City
COALTAR—3,115 lbs, Sessa, Callao

DRUGS—4,558 lbs, Munargo, Havana; 1,528 lbs, American Farmer, London

DYES—6,069 lbs, Black Tern, Antwerp; (Veendam) 1,937 lbs, Rotterdam; 4,221 lbs, Amsterdam
ANILIN—1,458 lbs, Black Osprey, Rotterdam

DYEWOOD EXTRACT—3,987 lbs, American Farmer, London

FERROCOLUMBIUM—38,153 lbs, Bergensfjord, Saude

FERTILIZER—30,300 lbs, Quirigua, Port Limon; 1,842,559 lbs, Kem, Isabel de Sagua; 81,600 lbs, Padnsay, Marshall; 4,455 lbs, Norden, Grenada

GASOLINE—(Padnsay) 700 gls, Cotonou; 1,500 gls, Grand Popo; 4,125 gls, Falcon, La Guaira; 6,875 gls, Norden, Boca, Caripe; 80,000 gls, Troubador, Bahia
AVIATION—6,375 gls, Isarco, Genoa; 38,500 gls, Cypria, Lisbon

GLUE—1,158 lbs, Quirigua, Havana
PRESERVER—696 lbs, Emil Franqui, Antwerp

GLYCERIN—1,270 lbs, Pastores, Porto Colombia; 2,328 lbs, Sessa, Callao; 629 lbs, Silversandal, Manila

GRAPHITE—2,656 lbs, Padnsay, Takoradi

GREASE, ANIMAL—110,298 lbs, Volendam, Rotterdam
LUBRICATING—9,820 lbs, Selma City, Vancouver; 66,732 lbs, Britannic, London; (President Harding) 36,546 lbs, Havre; 12,324 lbs, Hamburg; (Ulua) 2,250 lbs, Cartagena; 3,480 lbs, Porto Colombia; (Satartia) 8,956 lbs, Santos; 6,170 lbs, Montevideo; 3,811 lbs, Isarco, Genoa; 1,188 lbs, Bremen, Bremen; 5,602 lbs, Cameronia, Dundee; 12,162 lbs, City of Elwood, Manila; 60,822 lbs, Carinthia, Liverpool; (American Shipper) 6,598 lbs, Livernool; 144,551 lbs, Manchester; (Cypria) 1,900 lbs, Oporto; 13,975 lbs, Lisbon; 26,149 lbs, Saigon; 2,858 lbs, Black Osprey, Rotterdam; 14,291 lbs, Quaker City, Dublin; 14,020 lbs, Agwistar, Vera Cruz; 5,048 lbs, Cyprian Prince, Bristol; 3,120 lbs,

GREASE LUBRICATING (Continued):—
Dundrum Castle, Lourenco Marques; (Schodack) 2,056 lbs, Havre; 16,193 lbs, Dundirk; 21,352 lbs, Malaren, Gothenburg; 5,599 lbs, Mayari, Port Spain; (Troubador) 14,162 lbs, Rio Janeiro; 14,235 lbs, Santos

HERBS—4,700 lbs, American Farmer, London

HYDROGEN, PEROXIDE—(Sessa) 14,623 lbs, Callao; 4,562 lbs, Pisco

INSECTICIDE—8,683 lbs, Sessa, Valparaiso
HOUSEHOLD—8,100 lbs, Carabobo, La Guaira

IODINE, CRUDE—1,675 lbs, American Farmer, London

KEROSENE—(Martinique) 7,100 gls, Aux Cayes; 1,500 gls, Port Paix; 5,680 gls, Gonaives; 10,000 gls, Cape Haiti; 1,000 gls, Carabobo, Aruba; 980 gls, Mayari, St Martin

KETONE—205,215 lbs, Isarco, Genoa

LACQUER—3,368 lbs, Malaren, Stockholm; 3,491 lbs, Silversandal, Manila
THINNER—715 gls, Black Osprey, Amsterdam; 580 gls, Silversandal, Manila

LARD—10,500 lbs, Quirigua, Havana; 7,813 lbs, Britannic, London; 87,224 lbs, Black Tern, Antwerp; 35,595 lbs, President Harding, Hamburg; 118,140 lbs, Borinquen, Ciudad; 21,532 lbs, Veendam, Rotterdam; 4,988 lbs, Cameronia, Glasgow; 13,288 lbs, American Shipper, Liverpool; 24,169 lbs, Quaker City, Manchester; (Ponce) 5,537 lbs, Ponce; 9,800 lbs, Mayaguez

LEAD ACETATE—4,334 lbs Silversandal, Manila
BLUE, SUBLIMED—2,638 lbs, Bergensfjord, Oslo; 2,375 lbs, American Shipper, Manchester
RED—2,125 lbs, Munargo, Havana
WHITE—24,273 lbs, Black Osprey, Amsterdam
WHITE, SUBLIMED—18,974 lbs, Black Osprey, Rotterdam

LINSEED CAKE—1,923,567 lbs, Black Tern, Antwerp; 450,999 lbs, Carinthia, Liverpool; 3,943,505 lbs, Emile Francqui, Antwerp; 225,399 lbs, Volendam, Rotterdam; 112,637 lbs, American Shipper, Belfast; 902,006 lbs, Black Osprey, Rotterdam; 112,824 lbs, Quaker City, Cork

MEAL—112,000 lbs, American Shipper, Belfast

LITHARGE—31,242 lbs, Paul H Harwood, Aruba

LUBRICANT—268,356 lbs, Norden, Boca Caripe; 51,702 lbs, Malaren, Malmo

MAGNESIA, METALLIC—1,230 lbs, Britannic, London

NAPHTHA—(Padnsay) 20,000 gls, Conakry; 27,000 gls, Port Bouet; 17,000 gls, Cape Coast; 7,500 gls, Accra; 44,500 gls, Addah; 31,100 gls, Cotonou; 2,000 gls, Grand Popo; (Dundrum Castle) 125,000 gls, Reunion; 35,000 gls, Beira; 1,650 gls, Troubador, Rio de Janeiro

OIL, CASTOR—1,444 lbs, Sessa, Callao; 500 gls, Silversandal, Manila

CITRONELLA—1,370 lbs, Ulua, Porto Colombia

COCONUT—9,385 lbs, Musa, Porto Barrios; 4,837 lbs, Munargo, Havana; 30,648 lbs, Isarco, Genoa

COOKING—972 lbs, Borinquen, San Juan; 540 lbs, Ponce, Mayaguez

CORN—590 lbs, Ponce, Arecibo

EDIBLE—1,632 lbs, Musa, Porto Barrios; 2,825 lbs, Sessa, Buenaventura

ESSENTIAL—202 lbs, Quirigua, Havana; 3,110 lbs, American Shipper, Liverpool

FISH—777 lbs, Black Tern, Antwerp

GAS—(Padnsay) 11,000 gls, Port Bouet; 5,500 gls, Addah; 1,375 gls, Cotonou; 6,050 gls, Lagos; 2,695 gls, Cypria, Funchal

LUBRICATING—(Fort Townshend) 5,060 gls, St Johns; 3,960 gls, Halifax; 2,750 gls, Pastores, Porto Colombia; 3,300 gls, Quirigua, Havana; 23,339 gls, Britannic, London; 16,405 gls, Black Tern, Antwerp; (President Harding) 3,585 gls, Havre; 5,334 gls, Hamburg; (Munargo) 10,520 gls, Havana; 550 gls, Nassau; 1,485 gls, Ulua, Porto Colombia; (Santa Clara) 5,060 gls, Buenaventura; 1,650 gls, Arica; 2,035 gls, Antofagasta; 13,750 gls, Valparaiso; (Veendam) 8,230 gls, Rotterdam; 3,575 gls, Amsterdam; (Isarco) 2,750 gls, Genoa; 4,410 gls, Naples; (Bergensfjord) 2,760 gls, Trondhjem; 14,406 gls, Bergen; 42,061 gls, Oslo; (Cameronia) 4,200 gls, Glasgow; 1,542 gls, Dundee; (Carinthia) 2,145 gls, Bombay; 62,116 gls, Liverpool; (Padnsay) 3,220 gls, Port Bouet; 1,100 gls, Takoradi; 2,695 gls, Accra; 1,065 gls, Cotonou; 2,930 gls, Lagos; (Satartia) 25,146 gls, Santos; 2,060 gls, Rio Grande; 8,398 gls, Porto Alegre; 31,800 gls, Montevideo; 17,050 gls, Buenos Aires; 3,190 gls, Emile Francqui, Antwerp; (American Shipper) 14,300 gls, Liverpool; 15,535 gls, Manchester; (Cypria) 6,762 gls, Oporto; 28,644 gls, Lisbon; 7,258 gls, Marseilles; 8,450 gls, Saigon; 3,850 gls, Black Osprey, Amsterdam; 18,100 gls, Quaker City, Manchester; 11,340 gls, Volendam, Rotterdam; 2,530 gls, Agwistar, Vera Cruz; (Sessa) 2,310 gls Guayaquil; 6,545 gls, Callao; 4,950 gls, Iquique; 4,510 gls, Valparaiso; (Falcon) 2,310 gls, Maracaibo; 22,115 gls, La Rosa; 1,870 gls, La Guayra; 12,180 gls, Cyprian Prince, Cardiff; 5,225 gls, Dundrum Castle, Lourenco Marques; 1,650 gls, Ponce, Porto Plata; 4,200 gls, Cumbal, Talara; 46,200 gls, Lafayette, Havre; 48,720 gls, Schodack, Dunkirk; 9,225 gls, Orizaba, Vela Cruz; (Mayari) 1,430 gls, Point Pitre; 4,675 gls, Port Spain

MINERAL, WHITE—3,300 gls, American Farmer, London; 1,650 gls, Carinthia, Liverpool; 1,650 gls, American Shipper, Liverpool

MOTOR—3,402 gls, Veendam, Rotterdam

OLEO—60,613 lbs. Veendam, Rotterdam; 46,483 lbs, Quaker City, Dublin; 46,167 lbs. Volendam, Rotterdam; 20,300 lbs, American Shipper, Liverpool; 23,705 lbs, Malaren, Stockholm

PEPPERMINT—480 lbs, Veendam, Rotterdam; 186 lbs, American Farmer, London

PINE—14,280 lbs, Sessa, Antofagasta

RED—4,462 lbs, Bergensfjord, Bergen

SPRAYING—2,200 gls, Satartia, Montevideo

SULPHONATED—7,436 lbs, Carinthia, Liverpool

TRANSFORMER—350 gls, Satartia, Buenos Aires

WORMSEED—607 lbs, Britannic, London

OILCAKE—225,513 lbs, American Shipper, Liverpool

PAINT—3,170 lbs, Munargo, Havana; 5,536 lbs, American Farmer, London; 5,024 lbs, Bergensfjord, Oslo; 11,132 lbs, Sessa, Buenaventura; (Cypria) 3,503 lbs, Oporto; 7,966 lbs, Casablanca; 8,626 lbs, Quaker City, Cork; 10,490 lbs, Norden, Boca Caripe; 6,342 lbs, Malaren, Stockholm; 3,925 lbs, Mayari, Trinidad; 18,781 lbs, Silversandal, Manila
PREPARED—5,496 lbs, Quirigua, Havana; 2,472 lbs, Musa, Porto Barrios; 1,250 lbs, Bergensfjord, Oslo

THINNER—1,650 gls, Emile Francqui, Antwerp; 500 gls, Troubador, Santos

PARAFFIN—79,184 lbs, President Harding, Hamburg; (Santa Clara) 24,860 lbs, Salaverry; 44,489 lbs, Callao; 22,244 lbs, Veendam, Rotterdam; 11,098 lbs, Satartia, Montevideo; 355,911 lbs, Isarco, Genoa; (Bergensfjord) 2,224 lbs, Sarpsborg; 2,224

PARAFFIN (Continued):—
lbs, Trondhjem; 2,224 lbs, Bergen; 19,062 lbs. Oslo; 6,182 lbs, Cameronia, Glasgow; (Sessa) 33,219 lbs, Buenaventura; 21,989 lbs, Callao; (American Shipper) 60,138 lbs, Liverpool; 22,644 lbs, Manchester; 33,660 lbs, Cypria, Casablanca; 137,788 lbs, Quaker City, Manchester; 153,606 lbs, Cyprian Prince, Bristol; 40,663 lbs, Lafayette, Havre; (Cumbal) 208,465 lbs, Buenaventura; 45,243 lbs, Tumaco; 22,665 lbs, Malaren, Norrkoeping
REFINED—11,560 lbs, Satartia, Santos; (Cypria) 22,360 lbs, Oporto; 22,279 lbs, Lisbon
SCALE—27,810 lbs, Veendam, Amsterdam

PETROLATUM—5,160 lbs, Malaren, Gothenburg

MEDICINAL—167,907 lbs, Britannic, London; 2,580 lbs, Malaren, Stockholm

PETROLEUM, COKE—590,288 lbs, Isarco, Genoa
REFINED—(Padnsay) 1,000 gls, Senegal; 10,000 gls, Conakry; 12,000 gls, Cape Coast; 10,000 gls, Accra; 5,000 gls, Addah; 25,000 gls, Cotonou; 19,000 gls, Grand Popo; 1,000 gls, Carabobo, Curacao; (Dundrum Castle) 32,000 gls, Reunion; 42,500 gls, Beira; 120,000 gls, Troubador, Bahia

PHENOL—2,665 lbs, Schodack, Havre

PITCH—43,043 lbs, Carinthia, Liverpool; 200,010 lbs, Quaker City, Manchester
COALTAR—176,290 lbs, Isarco, Genoa; 2,060 tons, Baron Saltown, Sete

POTASH BICHROMATE—4,879 lbs, Cypria, Lisbon

RESIN—4,652 lbs, American Farmer, London
SYNTHETIC—4,592 lbs, American Shipper, Liverpool

ROSIN—4,823 lbs, American Shipper. Liverpool; 5,352 lbs, Malaren, Gothenburg

RUBBER ACCELERATOR—5,160 lbs, Cameronia, Glasgow

SALT—11,888 lbs, Bergensfjord, Oslo

SOAP—5,625 lbs, Borinquen, San Juan; 1,170 lbs, City of Elwood, Manila; 16,820 lbs, Mayari, Paramaribo
POWDER—2,760 lbs, Bergensfjord, Oslo
TOILET—18,000 lbs, Bergensfjord, Oslo; 10,800 lbs, Bremen, Bremen

SODA ASH—124,792 lbs, Santa Clara, Callao; 101,898 lbs, Satartia, Rio Janeiro; 3,000 lbs, Paul H Harwood, Aruba; 91,386 lbs, Troubador, Rio Janeiro
BICARBONATE—81,558 lbs, Munargo, Havana; 30,245 lbs, City of Elwood, Manila; 23,751 lbs, Sessa, Talcahuano; 54,110 lbs, Yucatan, Vera Cruz; 30,224 lbs, Orizaba, Vera Cruz
BISULPHITE—12,085 lbs, Munargo, Havana
CAUSTIC—3,590 lbs, Musa, Porto Barrios; 154,695 lbs, Munargo, Havana; 30,285 lbs, Santa Clara, Valparaiso; 226,800 lbs, Satartia, Montevideo; 69,501 lbs, Severoles, Nuevitas; 46,461 lbs, Sessa, Valparaiso; (Agwistar) 150,285 lbs, Tampico; 171,543 lbs, Vera Cruz; 349,540 lbs, Yucatan, Vera Cruz; 48,250 lbs, Orizaba, Vera Cruz; 14,400 lbs, Tonsbergfjord, Bahrein
CYANIDE—1,090 lbs, Quirigua, Havana; 51,906 lbs, Sessa, Salaverry
NITRATE—40,400 lbs, Black Osprey, Rotterdam; 20,200 lbs, Mayari, Barbados
PHOSPHATE—12,076 lbs, Quaker City, Dublin
XANTHATE—48,185 lbs, Fort Townshend, St Johns
SILICATE—4,071 lbs, Musa, Porto Barrios; 4,057 lbs, Ulua, Panama City

SOLVENTS, COALTAR—11,150 lbs, Satartia, Santos

STARCH, CORN—199 lbs, Musa, Porto Barrios; 2,100 lbs, Munargo, Nassau; 3,742 lbs, Borinquen, Ciudad; 30,375 lbs, Volendam, Rotterdam

STEARIN, OLEO—35,694 lbs, Veendam, Rotterdam

TALC—44,800 lbs, Carinthia, Liverpool; 22,400 lbs, Quaker City, Cork

TALLOW, INED—8,934 lbs, Isarco, Genoa

TANNING EXTRACT—3,739 lbs, Veendam, Rotterdam; 9,024 lbs, Dundrum Castle, Port Elizabeth; 13,145 lbs, Cyprian Prince, Bristol

TOILET PREPS—5,209 lbs, Volendam, Rotterdam

TOLUOL—715 gls, Satartia, Buenos Aires

TURPENTINE—(Satartia) 2,000 gls, Rio Janeiro; 1,000 gls, Montevideo; 2,500 gls, Buenos Aires; 1,000 gls, Dundrum Castle, Capetown
SUBSTITUTE—500 gls, Troubador, Rio Janeiro

VARNISH—2,489 lbs, Britannic, London; 24,176 lbs, Isarco, Genoa

UREA—44,100 lbs, Southern Prince, Rio Janeiro; 102 lbs, Bergensfjord, Bergen

WHITENING COMP—13,282 lbs, American Shipper, Liverpool

WITCH HAZEL EXTRACT—1,010 lbs, Quirigua, Havana; 4,946 lbs, American Farmer, London; 9,920 lbs, Cyprian Prince, Bristol

ZINC DUST—1,308 lbs, Padnsay, Takoradi; 117,141 lbs, Isarco, Genoa; 1,086 lbs, Sessa, Salaverry

Baltimore Exports

Clearance Dates

Brand, September 21; City of Newport News, September 17; Chester, September 23; Kwansai, September 20; Paraguayo, September 22; Robin Goodfellow, September 19; Satartia, September 21

ACID, NITRIC—2 lbs, City of Newport News, Monrovia
SULPHURIC—7 lbs, City of Newport News, Monrovia

ALCOHOL, ISOBUTYL—10,080 lbs, Brand, Kobe

AMYL ACETATE—1,584 lbs, Paraguayo, Rio de Janeiro

BLUE, ULTRAMARINE—(Kwansai) 1,100 lbs, Yokohama; 1,655 lbs, Kobe

CADMIUM LITHOPONE—100 lbs, City of Newport News, Havre

CEMENT, ROOF—1,250 lbs, City of Newport News, London

CLAY, GR'D—30,300 lbs, Brand, Manila

DEXTRIN—2,000 lbs, Robin Goodfellow, Port Elizabeth

DRUGS—124 lbs, City of Newport News, Monrovia

EPSOM SALT—20,160 lbs, Paraguayo, Buenos Aires

GREASE, LUBRICATING—29,177 lbs, Kwansai, Osaka

HAMAMELIS LEAVES—2,015 lbs, City of Newport News, Havre

INSECTICIDE—(Satartia) 795 gls, Buenos Aires; 2,000 lbs, Montevideo; 20,000 lbs, Robin Goodfellow, Cape Town

LEAD, ARSENATE—14,064 lbs, Robin Goodfellow, Cape Town

LOGWOOD EXTRACT—27,500 lbs, Brand, Osaka

METHANOL—248,625 lbs, Brand, Osaka

METHYL CHLORIDE—630 lbs, Robin Goodfellow, Johannesburg

NICKEL SULPHATE—4,000 lbs, Brand, Kobe

OIL, FROTHING—1,439 lbs. Brand, Kobe
LUBRICATING—537 gls, Paraguayo, Rio de Janeiro; 1,615 gls, City of Newport News, London; 88 bbls, Kwansai, Osaka

PAINT, SOLUTION—1,800 lbs, Brand, Tientsin
SOLVENT—4,444 lbs, Paraguayo, Buenos Aires

PARAFFIN—22,637 lbs, City of Newport News, Hamburg; 48,501 lbs, Brand, Hongkong

PASSION FLOWER HERB—455 lbs, City of Newport News, Havre

PETROLATUM—45,000 lbs, City of Newport News, Susak

POLISH, AUTO—(City of Newport News) 152 lbs, London; 2,956 lbs, Slough Bucks; 15,424 lbs, Vienna; 1,403 lbs, Robin Goodfellow, Port Natal

POTASH BICHROMATE—8,960 lbs, Paraguayo, Rio de Janeiro

PYRETHRUM FLOWERS, POWD—2,160 lbs, City of Newport News, London

ROSIN, GUM—(Robin Goodfellow) 4,990 lbs, Durban; 2,425 lbs, Johannesburg

SAND, IRON—6,160 lbs, Paraguayo, Montevideo

SODA, BICHROMATE—11,200 lbs, Brand, Osaka
CAUSTIC—115,204 lbs, Brand, Manila
CHROMATE—1,500 lbs, City of Newport News, Luton Beds, Eng

SUPERPHOSPHATE—3,429,550 lbs, Chester, Wallaceburg

SULPHUR DIOXIDE GAS—1,350 lbs, Robin Goodfellow, Johannesburg

TURPENTINE—(Robin Goodfellow) 5,623 gls, Cape Town; 312 gls, Durban; 307 gls, Johannesburg; 2,210 lbs, East London

Beaumont Exports

Clearance Dates

Alexandria Hoegh, September 21; Schwanheim, September 21

OIL, LUBRICATING—1,800 dms, Schwanheim, Hamburg
ROSIN—525 dms, Schwanheim, Hoerneborg
PETROLEUM, CRUDE—92,500 bbls, Alexandria Hoegh, Montreal

Boston Exports

Clearance Dates

American Importer, September 19; Kota Inten, September 17; Kwansai, September 14; Saint John, September 15, 17, 22; Schodack, September 18; Turrialba, September 22; Yarmouth, September 21

ASBESTOS FIBER (Kwansai) 959 bgs, Kobe; 3,700 bgs, Yokohama; 2,504 bgs, Osaka

BAKING POWDER—125 bxs, 5 crtns, 1 dm, 4,090 lbs, to Newfoundland

CEMENT, CAN—25 dms, 1,245 lbs, Kwansai Maru, Yokohama
RUBBER—1 dm, 15 gls, to Newfoundland
SHOE—10 cs, 508 lbs, Turrialba, Panama

CHEMICALS—1 bg, 70 lbs, Schodack, Havre

CLAY—220 bbls, 84,355 lbs, American Importer, Manchester

CLEANING COMP—5 crtns, 800 lbs, to Hawaii; 75 cs, 863 lbs, Yarmouth, Halifax

COTTONSEED MEAL—500 bgs, 50,000 lbs, Saint John, St John

DISINFECTANT, COALTAR—10 bbls, 500 gls, Turrialba, Havana

DRESSING, LEATHER—4 kgs, 25 gls, to Newfoundland
SHOE—11 crtns, 2 cs, to Hawaii; 2 bbls, 35 cs, 2,517 lbs, Turrialba, Havana

DEYSTUFFS—1 bx, 3 cs, 240 lbs, Kwansai, Yokohama

FINISH, LEATHER—1 dm, 3 bbls, 897 lbs, Turrialba, Havana

GREASE, LUBRICATING—15 pkgs, 7 cs, 1,990 lbs, Saint John, St John
SOAP—15 dms, 25 bbls, 17,026 lbs, Turrialba, Caibarien

INK, INDELIBLE—1 crtn, 24 lbs, to Hawaii
MARKING—1 cs, 2 lbs, Turrialba, Havana
PRINTING—30 dms, 13,200 lbs, Kota Inten, Sourabaya; 4 kits, 220 lbs, Turrialba, Havana
SHOE—1 cs, 18 lbs, American Importer, Leeds
WRITING—4 crtns, 158 lbs, Newfoundland; 526 bxs, 8 cs, 9,377 lbs, to China

INK, WRITING—4 bxs, 38 lbs, to Hawaii; 3 cs, 323 bxs, 5,332 lbs, to China

INVALID'S FOOD—20 cs, 428 lbs, Turrialba, Havana

KEROSENE—100 bbls, 5,500 gls, to Newfoundland

LARD—3 trcs, 1,139 lbs, Turrialba, Havana

LINING COMP—107 dms, 12,282 lbs, Schodack, Havre

LUBRICANT, DRAWING—1 bx, 9 lbs, Schodack, Havre

MEDICINAL PREPS—1 cs, 6 lbs, to Hawaii; 3 straps, 123 lbs, Turrialba, Havana

MUCILAGE—1 cs, 1 bx, 276 lbs, to China

OIL—1 cs, 330 lbs, to England
COALTAR—15 dms, 810 gls, Turrialba, Marianao, Cuba
COD—100 dms, 5,500 gls, to Nova Scotia
CREOSOTE—15 bbls, 750 gls, Turrialba, Havana
ESSENTIAL—1 bx, 1 gl, Schodack, Havre
LUBRICATING—1 dm, 50 gls, Saint John, St John; 2 cs, 4 gls, to Hawaii; 25 dms, 11,729 lbs, to Miquelon

PAINT, LIQUID—1 dm, 5 gls, Yarmouth, Yarmouth; 10 cs, 15 pails, 2,300 lbs, Turrialba, Havana
MACHINE—1 cs, 33 lbs, Turrialba, Havana

PARAFFIN—306 bgs, 67,320 lbs, Kwansai, Darien; 153 bgs, 33,660 lbs, to China

PASTE, SHOE—25 bxs, 1,050 lbs, Turrialba, Havana
STATIONERS'—32 bxs, 402 lbs, to Hawaii

PEATMOSS—3 bls, 450 lbs, to Newfoundland

PIGMENT, LEATHER, COMP—9 dms, 426 lbs, Schodak, Havre

PITCH, COALTAR—4 dms, 1,000 lbs, Schodack, Paris; 133 bbls, 40,000 lbs, Saint John, St John

POLISH, AUTO—1 cs, 17 qrts, to Philippines
FURNITURE—1 cs, 10 qrts, to Philippines
METAL—1 cs, to Philippines
SHOE—(Turrialba) 3 cs, 212 lbs, Panama; 40 bxs, 1 cs, 43 lbs, Havana
STOVE—30 cs, 696 lbs, Saint John, St John

SENNA LEAVES—1 bl, 410 lbs, Saint John, St John

SOAP, FLAKE—33 cs, 1,103 lbs, Turrialba, Havana; 66 cs, 1,653 lbs, to Hawaii
MEDICATED—1 cs, 32 lbs, Turrialba, Fort Amador; 2 cs, 315 lbs, to Hawaii
POWDER—462 cs, 16,460 lbs, to Hawaii; 11 cs, 464 lbs, Turrialba, Havana
TAR—440 cs, 11,024 lbs, to Hawaii; 54 cs, 1,412 lbs, Turrialba, Havana

SOAP, TOILET—430 cs, to Hawaii; 70 cs, 2,147 lbs, Turrialba, Havana

SODA, SULPHATE—80 bbls, 160 kgs, 40,000 lbs, Turrialba, Havana

SOLDER FLUX—2 dms, 848 lbs, Kwansai, Yokohama; 2 dms, 270 lbs, Schodack, Havre

STIFFENER, LEATHER—2 cans, 941 lbs, to Newfoundland

TALC—1 cs, 36 lbs, Turrialba, Fort Amador

TANNING EXTRACT—10 bbls, 9,502 lbs, Turrialba, Havana

TURPENTINE, GUM—5 dms, 286 gls, Saint John, St John

VARNISH THINNER—2 dms, 104 gls, Turrialba, Havana

WATERPROOF COMP—12 cs, 24 dms, Saint John, St John's

WAX, LIQUID—1 cs, 40 qrts, to Philippines
SEALING—1 cs, 136 lbs, to Philippines
SHOE—18 bbls, 4,771 lbs, American Importer, Leeds; 1 ctn, 62 lbs, Newfoundland

Galveston Exports

Clearance Dates

Bur, September 21; Eidsvold, September 16; Isis, September 19; Lucia C, September 17; Marina O, September 18; Oakwood, September 16; Olympia, September 21; Pocone, September 18; San Mateo, September 22; Velma Lykes, September 18; West Ekonk, September 19; West Tacook, September 22; William Blumer, September 18

ASPHALT—45 tons, Isis, Hamburg
BLACK, CARBON—(Eidsvold) 10 cs, Yokohama; 50 cs, Shanghai; 10 cs, Oakwood, Havre; 20 cs, Marina O, Genoa; (Isis) 1,984 sks, Bremen; 600 sks, Hamburg; 125 cs, San Mateo, Havre
CONCENTRATES—65 tons, West Ekonk, Liverpool
POTASH—50 tons, Velma Lykes, San Juan
SULPHUR—30 tons, Oakwood, Havre; 600 bgs, Lucia C, Trieste; 500 tons, Pocone, Santos; 5,600 tons, William Blumer, Sorel; (West Ekonk) 500 tons, Liverpool; 1,600 tons, Manchester; (Olympia) 2,000 tons, Montreal; 5,300 tons, Three Rivers; 500 tons, Sorel; (Bur) 800 tons, St Johns; 500 tons, Quebec; 20 tons, San Mateo, Havre; 30 tons, West Tacook, Havre

Houston Exports

Clearance Dates

Agnita, September 18; Auris, September 16; Buccinum, September 16; Derbyline, September 22; Fernglen, September 22; Isis, September 17; Murena, September 22; Nike, September 21; Samuel L Fuller, September 22; San Mateo, September 19; Velma Lykes, September 16; West Ekonk, September 18; West Tacook, September 21

BLACK—(Isis) 25 tons, Bremen; 100 tons, Hamburg; (West Ekonk) 20 cs, Liverpool; 1,200 bgs, 50 cs, Liverpool-Manchester; 100 tons, San Mateo, Havre; 50 bgs, West Tacook, Havre; 200 cs, Fernglen, Yokohama
BUTANE—1,160 tons, Agnita, Rouen
GASOLINE—12,500 tons, Nike, United Kingdom
LUBRICANTS—7 tons, Velma Lykes, Ciudad
OIL, FUEL—11,500 tons, Auris, Greece; (Derbyline) 20,000 bbls, Guantanamo; 46,000 bbls, Matanzas; 67,500 bbls, Samuel L Fuller, Guantanamo
GAS—6,000 tons, Buccinum, Holland; 3,200 tons, Agnita, Hamburg
LUBRICATING—100 bbls, San Mateo, Havre
PETROLEUM, CRUDE—11,500 tons, Murena, Montreal

Lake Charles Exports

Clearance Dates

Capsa, September 9; Tillie Lykes, September 15

FIRECLAY—60 pkgs, Tillie Lykes, Arroyo
PETROLEUM—98,520 bbls, Capsa, Montreal

Los Angeles Exports

Clearance Dates

Albertolite, September 14; Antigua, September 5; Athelsultan, September 9; Axel Johnson, September 18; Capella, September 11; Chiriqui, September 12; City of Lyons, September 8; Ferncastle, September 15; Getsuyo, September 3; Golden Cloud, September 8; Kosei, September 4; Kota Agoeng, September 9; Manju, September 15; Nina Borthen, September 14; Norway, September 11; Ontariolite, September 15; Otokia, September 14; Portland, September 8; President Polk, September 7; San Diego, September 8; Silverteak, September 8; Spencer Kellogg, September 14; Steel Engineer, September 12; Talamanca, August 29

ACID, BORIC—100 bgs, 11,030 lbs, City of Lyons, Dairen; (Tudor Star) 400 bgs, 44,800 lbs, London; 1,000 bgs, 112,000 lbs, Liverpool; 200 bgs, 22,400 lbs, Glasgow
CITRIC—2,240 lbs, President Polk, Manila
ALCOHOL, BUTYL—2,420 lbs, San Diego, Antwerp
ISOPROPYL—9,850 lbs, San Diego, Antwerp
ASPHALT—(Astoria) 186 sx, 40,320 lbs, Osaka; 193 sx, 40,320 lbs, Yokohama
BLACK, CARBON—750 lbs, Kota Agoeng, Batavia
BORATE—770 bgs, 118,400 lbs, Kosei, Osaka
BORAX—(Kosei) 724 bgs, 79,820 lbs, Yokohama; 1,905 bgs, 129,950 lbs, Osaka; 20 bgs, 2,240 lbs, Golden Cloud, Wellington; 1,400 bgs, 156,800 lbs, Axel Johnson, Hull; 500 bgs, 112,000 lbs, Phemius, Hongkong; (Tudor Star) 5,000 bgs, 610,920 lbs, London; 4,400 bgs, 492,800 lbs, Liverpool; 1,000 bgs, 112,000 lbs, Glasgow; 1,400 bgs, 156,800 lbs, Amerika, Hull
POWDERED—99 bgs, 11,090 lbs, Axel Johnson, Malmo
CLAY, FILTER—40 sx, 4,480 lbs, Golden Cloud, Auckland
FILM, SCRAP—10,550 lbs, Portland, Antwerp; 16,270 lbs, Axel Johnson, London; 21,010 lbs, San Diego, Havre
GASOLINE—500 cs, 500 dms, 204,430 lbs, City of Lyons, Manila; (Ferncastle) 10,000 bbls, 2,610,000 lbs, Saigon; 38,762 bbls, 10,116,880 lbs, Shanghai; 16,000 bbls, 4,176,000 lbs, Hongkong; 9,890 bbls, 2,581,290 lbs, Cebu; 73,914 bbls, 19,291,550 lbs, Nina Borthen, Vladivostok; 103,418 bbls, 26,992,100 lbs, Arinia, Curacao
INFUSORIAL EARTH—224 bgs, 22,400 lbs, Steel Engineer, Avonmouth; 110 bgs, 11,200 lbs, Portland, Leixoes; 268 bgs, 26,880 lbs, Golden Cloud, Sydney; 685 bgs, 69,440 lbs, Axel Johnson, London; 560 bgs, 54,000 lbs, San Diego, Havre; 70 bgs, 6,720 lbs, Phemius, Manila
KEROSENE—3,000 cs, 255,000 lbs, City of Lyons, Manila; (Ferncastle) 12,000 bbls, 3,420,000 lbs, Saigon; 14,141 bbls, 4,030,190 lbs, Shanghai; 3,000 bbls, 855,000 lbs, Manila; 9,000 bbls, 2,565,000 lbs, Cebu; (Kota Agoeng) 200 dms, 73,250 lbs, Tegal; 5,000 cs, 425,000 lbs, Cebu; (Golden Cloud) 650 dms, 204,910 lbs, Melbourne; 25 dms, 8,840 lbs, Auckland; 50 cs, 4,250 lbs, Wellington
DISTILLATE—5,520 bbls, 1,556,640 lbs, Phemius, Hongkong
LACQUER—350 lbs, Kota Agoeng, Manila; 450 lbs, President Polk, Bombay
THINNER—1,270 lbs, President Polk, Bombay
LARD—28,020 lbs, Golden Mountain, San Juan
LEAD, WHITE—250 lbs, Kota Agoeng, Palembang
MEDICINAL PREPS—790 lbs, Silverteak, Manila
METHYL ETHYL KETONE—(San Diego) 10,080 lbs, Antwerp; 37,480 lbs, Havre
MINERAL SPTS—(Golden Cloud) 200 cs, 30 dms, 27,510 lbs, Melbourne; 10 dms, 3,690 lbs, Auckland
OIL, DIESEL—44,729 bbls, 13,955,450 lbs, Manju, Wawasaki-Osaka; 6,847 bbls, 2,136,260 lbs, Getsuyo, Tsuruumi; 12,211 bbls, 3,809,830 lbs, Kosei, Osaka; 525 bbls, 163,800 lbs, Talamanca, Porto Armuelles; 513 bbls, 160,030 lbs, Antigua, Porto Armuelles; 4,332 bbls, 1,351,580 lbs, Astoria, Yokohama; 9,532 bbls, 2,973,980 lbs, Nanman, Osaka
FUEL—(Ontariolite) 60,059 bbls, 19,999,650 lbs, Antofagasta; 18,683 bbls, 6,221,440 lbs, Mollendo; 66,290 bbls, 22,077,370 lbs, Athelsultan, Nugata; 9,970 bbls, 3,320,010 lbs, Manju, Kawasaki-Osaka; 27,204 bbls, 9,058,980 lbs, Otokia, Tsurumi; 64,002 bbls, 21,312,670 lbs, Capella, Tocopilla; 2,714 bbls, 903,760 lbs, Kingsley, Vancouver; 1,638 bbls, 545,450 lbs, Takaoka, Manzanillo
GRAPEFRUIT—150 lbs, San Diego, Havre
LEMON—1,150 lbs, Steel Engineer, London
LINSEED—4,000 lbs, Tai Ping Yang, Manila
LUBRICATING—10 dms, 5,040 lbs, President Polk, Singapore
OLEO—2,150 lbs, President Polk, Singapore
PEPPERMINT—120 lbs, San Diego, Paris
SALAD—7,700 lbs, President Polk, Manila
PAINT—380 lbs, Kota Agoeng, Manila
PREPARED—940 lbs, Tai Ping Yang, Manila
THINNER—1,360 lbs, Kota Agoeng, Manila
PETROLEUM, CRUDE—63,644 bbls, 19,856,930 lbs, Albertolite, Vancouver; 22,345 bbls, 6,971,640 lbs, Athelsultan, Nugata; 250 dms, 98,280 lbs, Golden Cloud, Melbourne
POTASH, MURIATE—18,000 bgs, 3,968,280 lbs, Norway, Yokohama
ROSIN—2 850 lbs, Golden Cloud, Auckland
SODA ASH—(Golden Cloud) 260 bgs, 49,300 lbs, Auckland; 59 bgs, 11,200 lbs, Wellington
CYANIDE—9,850 lbs, Golden Cloud, Melbourne
PHOSPHATE TRI—10,080 lbs, Golden Cloud, Wellington
TOILET PREPS—1,000 lbs, Axel Johnson, Stockholm; 700 lbs, San Diego, Paris; 1,500 lbs, President Polk, Bombay; 1,000 lbs, Tai Ping Yang, Manila
TRIPOLI—2,000 lbs, Golden Cloud, Auckland
TURPENTINE—5,520 lbs, Golden Cloud, Auckland
SPIRITS—(Golden Cloud) 29,560 lbs, Auckland; 6,000 lbs, Wellington

Mobile Exports

Clearance Date

Nordvangen, September 19

FIRECLAY—20 sks, Nordvangen, Ciudad Trujillo
ROSIN—(Nordvangen) 24 dms, Puerto Cabello; 71 dms, La Guaira
TURPENTINE—30 cs, Nordvangen, Puerto Cabello

New Orleans Exports

Clearance Dates

Buenos Aires, August 18; Cefalu, August 4, 18; City of Joliet, September 19; City of Omaha, August 31; Colorado Springs, September 8; Contessa, August 11, 25; Duquesne, September 15; Fagersten, September 3; Jolee, September 5; Liberator, September 17; Lucia C, September 12; Lysefjord, August 5; Monrosa, September 18; Nevada, September 15; Santa Marta, August 6; Sixaola, August 5; Vestvangen, September 12; Waban, September 5; West Harshaw, September 4.

ACID, ACETIC—30 tons, Colorado Springs, Manchester
ASPHALT—26 tons, Nevada, Havre; (City of Joliet) 48 tons, Havre; 20 tons, Dunkirk; 7 tons, Jolee, Genoa
GRITS—11 tons, City of Omaha, London
BAKING POWDER—200 ctns, Lysefjord, Puerto Castilla; 100 ctns, Sixaola, Puerto Cortez
BARYTES—1,000 sks, Cefalu, Havana
BENZOL—150 dms, Monrosa, Genoa-Leghorn-Naples
BLACK, CARBON—105 tons, Nevada, Havre; (Buenos Aires) 20 tons, Kobe; 22 tons, Kobe-Yokohama-Osaka; 3 tons, Tientsin; 7 cs, Monrosa, Genoa-Leghorn-Naples; 10 cs, Contessa, Valparaiso; 12 tons, City of Omaha, London; 113 tons, West Harshaw, Glasgow; 54 cs, Lucia C, Bourgas; (City of Joliet) 30 tons, Havre; 2 tons, Dunkirk; (Jolee) 1 ton, Lisbon; 21 tons, Trieste; (Waban) 21 tons, London; 81 tons, Hull; 10 cs, Santa Marta, Valparaiso; (Duquesne) 27 tons, London; 10 tons, Hamburg; 5 tons, Bremen, Hamburg; (Colorado Springs) 110 tons, Manchester; 55 tons, Liverpool-Manchester; (Liberator) 150 cs, Shanghai; 167 cs, Osaka; 4,500 sks, Kobe; 500 sks, Yokohama
CALCIMINE—10 bbls, Cefalu, Panama
CALCIUM ACETATE—245 dms, Cefalu, Puerto Cabezas
CLAY, GRD—45 tons, Nevada, Havre; 90 tons, City of Joliet, Havre; 27 tons, Waban, Hull; 54 tons, Duquesne, London
COALTAR—15 dms, Cefalu, Puerto Cabezas; 15 dms, Contessa, Puerto Cabezas
COHUNE SHELLS—100 tons, Colorado Springs, Liverpool
COLOR, DRY—850 sks, Cefalu, Havana
COTTONSEED PULP—22 tons, City of Omaha, London
MEAL—12 sks, Lysefjord, Puerto, Castilla
PITCH—16 tons, Colorado Springs, Liverpool
CULVER'S ROOT—1 ton, West Harshaw, Glasgow
DISTILLATE—20 dms, Contessa, Ceiba; 10 dms, Cefalu, Ceiba
FERTILIZER—6 sks, Cefalu, Cristobal
FIRECLAY—3 tons, Buenos Aires, Yokohama; 12 sks, Contessa, Ceiba; 109 bxs, 50 sks, Fagersten, Maracaibo; 4 tons, Santa Marta, Havana
GASOLINE—9 tons, City of Joliet, Havre; 6 dms, Vestvangen, Mackenzie; (Lysefjord) 5 dms, Puerto Barrios; 110 cs, 10 dms, Puerto Castilla
GREASE—10 dms, Contessa, Ceiba
GYPSUM—11 sks, Contessa, Ceiba
INK—15 dms, Cefalu, Havana
INSECTICIDE—8 dms, Lucia C, Salonica
LIQUID—1 ton, City of Omaha, London
KEROSENE—56 cs, Contessa, Puerto Cabezas; (Cefalu) 70 cs, Puerto Cabezas; 75 cs, Ceiba; 250 cs, Vestvangen, Bridgetown; 300 cs, Santa Marta, Puerto Limon; 310 cs, Lysefjord, Puerto Castilla; 300 cs, Sixaola, Puerto Barrios
LARD—(Contessa) 300 dms, Havana; 6 tcs, Panama; 100 tins, Cartagena; 500 tins, Puerto Colombia; (Cefalu) 200 dms, Havana; 20 cs, Corozal; 150 tins, Cartagena; 100 tins, Puerto Colombia; (Santa Marta) 575 tins, 200 dms, Havana; 300 tins, Puerto Limon; 100 crts, Buenaventura
LIME—2,400 sks, Lysefjord, Santiago
METHANOL—34 tons, City of Joliet, Havre
MOLASSES—17 tons, Nevada, Antwerp
OIL—15 dms, Vestvangen, Paramaribo
FUEL—10 dms, Contessa, Puerto Cabezas
GAS—10 dms, Santa Marta, Colon
LINSEED—5 dms, Sixaola, Puerto Cortez
LUBRICATING—(Nevada) 240 tons, Havre; 52 tons, Dunkirk; 88 tons, Antwerp; (Buenos Aires) 50 dms, Yokohama; 26 tons, Kobe; 20 tons, Osaka; (West Harshaw) 23 tons, Dublin; 2 tons, Glasgow; (City of Joliet) 65 tons, Havre; 37 tons, Dunkirk; (Waban) 18 tons, London; 122 tons, Hull; 1,499 cs, Santa Marta, Valparaiso; 79 tons, Duquesne, London; (Liberator) 300 dms, Shanghai; 1,350 ctns, 55 dms, 340 crts, Manila
PALM—90 dms, Cefalu, Ceiba
PEANUT—50 dms, Cefalu, Havana
REFINED—50 dms, Lysefjord, Belize; 270 cs, Sixaola, Puerto Cortez
PAINT—(Cefalu)—2 tons, Buenaventura; 10 dms, Puerto Cabezas; (Contessa) 1 ton, Buenaventura; 7 dms, Ceiba; 7 cs, Vestvangen, Fort De France; 9 cs, Lysefjord, Puerto Castilla
PARAFFIN—135 tons, City of Omaha, London; 54 tons, West Harshaw, Avonmouth; (Duquesne) 43 tons, London; 20 tons, Hamburg; 69 tons, Colorado Springs, Manchester; 153 sks, Cefalu, Mollendo; 399 sks, Lucia C, Trieste; 250 sks, Santa Marta, Havana
SCALE—82 tons, City of Omaha, London; 37 tons, Colorado Springs, Manchester
PETROLATUM—65 tons, City of Joliet, Dunkirk
PHENOL—17 tons, Nevada, Antwerp
PINETAR—47 tons, City of Omaha, London; 6 tons, West Harshaw, Glasgow; 25 dms, Santa Marta, Havana
POLISH, LIQ—4 tons, Cefalu, Havana
PRESERVER, WOOD—42 dms, 2 cs, Santa Marta, Havana
ROSIN—20 dms, Fagerston, Maracaibo
GUM—10 bbls, Liberator, Shanghai
WOOD—10 dms, Cefalu, Puntarenas; (Santa Marta) 75 dms, Havana; 25 dms, Panama City
SALT—(Contessa) 4 tons, Havana; 3 tons, Puerto Cabezas; (Cefalu) 25 tons, Havana; 2 tons Puerto Cabezas; (Santa Marta) 25 tons, Havana; 24 tons, Cristobal; 1 ton, Puerto Limon; (Lysefjord) 1 ton, Belize; 3 tons, Puerto Castilla; (Sixaola) 2 tons, Puerto Barrios; 4 tons, Tola
SAND, SILICA—84 tons, Waban, London
SODA—20 bbls, Vestvangen, Bridgetown
ASH—25 bbls, Cefalu, Colon
STARCH, CORN—350 sks, Liberator, Cebu
SULPHUR—2,400 tons, Colorado Springs, Manchester
TRIPOLI—(Nevada) 11 tons, Havre; 22 tons Antwerp; 162 tons, Colorado Springs, Manchester; 300 sks, Liberator, Kobe
PULVERIZED—10 sks, Santa Marta, Havana
TURPENTINE—25 dms, 300 cs, Santa Marta, Callao
GUM—9 dms, Lysefjord, Santiago

Norfolk Exports

Clearance Dates

City of Newport News, September 19; Cyprian Prince, September 22

BONE, SCRAP—1,510 bgs, 110,200 lbs, City of Newport News, Hamburg
CARBON TETRACHLORIDE—55 dms, 39,747 lbs, City of Newpot News, London
CORN SYRUP—70 bbls, 53,465 lbs, Cyprian Prince, Cardiff
FELDSPAR, GRD—700 bgs, 103,200 lbs, City of Newport News, Havre
MEDICINAL PREPS—40 pkgs, 1 bx, City of Newport News, London
MICA, PULV—393 bgs, 43,223 lbs, City of Newport News, Hamburg
OIL, PEPPERMINT—16 dms, City of Newport News, London
TANNING EXTRACT, LIQ—350 bbls, 206,216 lbs, Cypian Prince, Bristol

Philadelphia Exports

Clearance Dates

Beme, September 25; Black Osprey, September 18; Breedijk, September 16; City of Elwood, September 16; City of Worcester, September 22; Cold Harbor, September 21; Cypria, September 17; Konigsberg, September 24; Kota Inten, September 23; Malaren, September 19; Miraflores, September 26; New Orleans, September 24; Quaker City, September 19; Port Adelaide, September 21; San Clemente, September 19; Scanstates, September 21; Schodack, September 21; Spaarndam, September 21; Sliedrecht, September 24; Taybank, September 24

ACETONE—(Port Adelaide) 31 dms, Sydney; 18 dms, Melbourne
ACID, PHOSPHORIC—16 bbls, Malaren, Stockholm
ALCOHOL, BUTYL—6 dms, Port Adelaide, Melbourne
ALUMINA, SULPHATE—500 bbls, City of Elwood, Manila
ANTI-RUST COMP—2 pails, Quaker City, Cork
ANTI-FREEZE COMP—4 dms, Konigsberg, Reykjavik
BENZOL—(Beme) 109,279 gls, Blaye; 233,969 gls, Dunkirk; 243,123 gls, Martigues
BLACK, BONE—10 bgs, Malaren, Oslo; 14 bgs, Scanstates, Gothenburg; 1 dm, 10 bgs, City of Worcester, Bombay-Calcutta
LAMP—6 ctns, City of Elwood, Manila
CHEMICALS—1 bx, City of Worcester, Madras; 5 dms, Port Adelaide, Melbourne
CEMENT, BELT—1 bx, Malaren, Stockholm
RUBBER—1 pail, Breedijk, Amsterdam; 1 dm, Black Osprey, Antwerp; 2 dms, Konigsberg, Bucharest
CLAY—(City of Worcester) 1 bg, Bombay; 1 bg, Calcutta
CLEANING COMP—1 cs, Black Osprey, Geneva
COCOA BEANS—4 bbls, San Clemente, Colon
WASTE—1,138 bgs, Black Osprey, Amsterdam; 2,560 bgs, Spaarndam, Amsterdam
DICHLORODIFLUOROMETHANE — 10 cyls, Black Osprey, Lucerne
FERTILIZER—40 bgs, San Clemente, Cristobal
GASOLINE—107,166 gls, Bene, Istanbul; 61,606 bbls, Sliedrecht, Antwerp
AVIATION—26 dms, Spaarndam, Rotterdam
DISTILLATE—3 cs, Malaren, Helsingfors
GREASE—1 pail, Quaker City, Cork; 3 dms, Black Osprey, Antwerp; 2 dms, Scanstates, Copenhagen; 1 dm, Konigsberg, Bucharest
LUBRICATING—30 bbls, 53 cs, Cypria, Lisbon; (San Clemente) 12 cs, Neiva; 20 pails, Cali; (Black Osprey) 1 dm, Rotterdam; 5 dms, 12 pails, Amsterdam; (Malaren) 3 dms, 2 crates, Oslo; 25 dms, 3 bxs, Stockholm; (Scanstates) 78 pails, 19 cs, Copenhagen; 31 dms, 9 cs, 8 kegs, 25 pails, Gothenburg; 5 dms, 4 cs, 3 bbls, Helsingfors; 15 pails, 1 cs, Port Adelaide, Brisbane; (City of Worcester) 3 bdls, 1 cs, Bangkok; 18 dms, 8 pails, 6 cs, Karachi; 6 dms, Bombay; 1 dm, 1 bbl, City of Elwood, Manila; (Kota Inten) 6 pkgs, Penang; 23 dms, 35 pails, 10 cs, Bangkok
HEPTANE—1 cs, Konigsberg, Czechoslovakia
INSECTICIDE—1 bx, Port Adelaide, Melbourne
LICORICE MASS—370 cs, Cold Harbor, Hull; 5 cs, Scanstates, Gothenburg; 86 cs, Port Adelaide, Melbourne
LINSEED CAKE—6,560 bgs, Schodack, Havre
MAGNESIA PERCHLORATE HYDRATE, TRI—(Scanstates) 1 bx, Stockholm; 1 bx, Gothenburg
MANGANESE ORE CONCE—109 bgs, Scanstates, Stockholm; (City of Worcester) 7 bbls, Bombay; 45 bgs, Calcutta
MEDICINAL PREPS—2 cs, City of Worcester, Calcutta; 11 cs, City of Elwood, Shanghai
OIL—6 dms, Breedijk, Amsterdam; 2 dms, Black Osprey, Antwerp; 2 dms, Scanstates, Copenhagen; 3 dms, Konigsberg, Bucharest
COALTAR—3 dms, Schodack, Havre
ENGINE—90 dms, City of Worcester, Calcutta; 407 bbls, Konigsberg, Hamburg
FISH—2 bbls, San Clemente, Barranquilla
ILLUMINATING—232,787 gls, Beme, Istanbul
LUBRICATING—(Cypria) 1,520 crtns, 1,636 pkgs, 80 cs, 121 dms, 360 bbls, Lisbon; 719 bbls, 140 crtns, 12 dms, 1,629 pkgs, Marseilles; 760 pkgs, Saigon; 335 pkgs, Haiphong; 144 pkgs, Gibraltar; 1,131 pkgs, Casablanca; 103 pkgs, Gudjda; 100 pkgs, Tangier; 417 pkgs, Leixoes; 178 pkgs, Loanda; 45 pkgs, Benguala; 22 pkgs, Lobito; 20 pkgs, Bissao; 9 pkgs, St Thome; 18 pkgs, Cabinda; 15 pkgs, Mossamedes; 20 pkgs, Praia; 15 pkgs, St Vincent; (San Clemente) 8 dms, Colon; 159 dms, Popayan; 11 dms, San Jose; 5 dms, Barranquilla; 25 dms, Bogata; 21 dms, Paita; 65 dms, Callao; (Black Osprey) 8 dms, Rotterdam; 25 dms, Amsterdam; 5 dms, Antwerp; (Malaren) 33 dms, Oslo; 11 dms, 34 bxs, 3 crates, 933 pkgs, Stockholm; 546 pkgs, Gothenburg; 83 pkgs, Norrkoeping; 40 pkgs, Sundsvall; 37 pkgs, Helsingborg; 197 pkgs, Malmo; 65 dms, 140 bbls, Cold Harbor, London; 160 bbls, Schodack, Dunkirk; (Scanstates) 25 dms, Stockholm; 164 dms, Gothenburg; (Port Adelaide) 200 pkgs, Brisbane; 1,633 pkgs, Sydney; 1 bbl, 422 pkgs, Melbourne; 967 pkgs, Fremantle; (City of Worcester) 15 dms, Alexandria; 70 pkgs, Port Said; 65 dms, 120 bbls, 1,222 pkgs, Karachi; 200 dms, 5 cs, 1,431 pkgs, Bombay; 116 dms, 680 pkgs, Basrah; 105 dms, 1,523 pkgs, Calcutta; 25 cs, 2 dms, Mansourah; 4 dms, Cairo; 1,507 pkgs, Madras; 1,010 pkgs, Colombo; (City of Elwood) 45 pkgs, Manila; 5 pkgs, Iloilo; 255 pkgs, Hongkong; 40 pkgs, Shanghai; (Kota Inten) 153 pkgs, Penang; 65 dms, Bangkok; 20 pkgs, Singapore; 55 pkgs, Port Swettenham; 554 pkgs, Sourabaya; 218 pkgs, Macassar; 35 pkgs, Sibolga; 224 pkgs, Samarang; 387 pkgs, Batavia; 88 pkgs, Palembang; 155 pkgs, Medan; 73 pkgs, Padang; (Taybank) 95 dms, 887 pkgs, Manila; 270 pkgs, Cebu; 365 pkgs, Iloilo; 410 pkgs, Hongkong; 465 pkgs, Shanghai; (Konigsberg) 91 pkgs, Hamburg; 4,804 pkgs, Roumania; 65 pkgs, Vienna; 50 bbls, Czechoslovakia; (New Orleans) 80 dms, Bombay; 20 dms, Calcutta; 300 dms, Karachi
MINERAL RES—28 dms, Cypria, Marseilles
NEATSFOOT—17 bbls, Black Osprey, Antwerp; 10 bbls, Konigsberg, Hamburg
PAINT—1 cs, 59 pls, 11 dms, Quaker City, Cork; 1 cs, 25 dms, 38 pls, Breedijk, Amsterdam; 1 cs, 14 dms, Black Osprey, Antwerp; 2 bxs, Malaren, Stockholm; 18 pls, Scanstates, Copenhagen; 6 cs, 4 dms, Konigsberg, Bucharest
PARAFFIN—500 bgs, Cypria, Oporto; 102 bgs, Black Osprey, Rotterdam; 94 bbls, Cold Harbor, Hamburg; 2 bxs, Port Adelaide, Sydney; 350 bgs, City of Elwood, Hongkong
PETROLATUM—12 dms, Schodack, Havre; 10 bbls, Port Adelaide, Fremantle
PETROLEUM—42 dms, Konigsberg, Hamburg
POLISH, SHOE—30 crtns, San Clemente, Panama
RESIN, COALTAR—12 dms, 1 cs, Cold Harbor, London; 3 dms, Schodack, Havre
RUBBER COMPOUNDING AGENTS—20 dms, Scanstates, Helsingfors
SOAP—6 cs, Kota Inten, Bangkok
SODA, ASH—9 dms, Malaren, Stockholm; 2 bbls, Scanstates, Gothenburg; 5 dms, City of Worcester, Bombay-Calcutta; 10 bbls, Miraflores, Alvaro Obregon
CAUSTIC—90 dms, Miraflores, Alvaro Obregon
SULPHIDE—2 dms, San Clemente, Barranquilla
TANNING EXTRACT—5 kgs, City of Elwood, Manila
MATERIAL—(San Clemente) 1 bbl, Barranquilla; 2 bbls, Arequipo; (Port Adelaide) 4 dms, Sydney; 45 bbls, Melbourne; 1 dm, 1 bbl, City of Elwood, Manila
VARNISH—1 bx, Scanstates, Gothenburg; 12 bxs, City of Worcester, Bombay-Calcutta
WAX—225 bgs, Cold Harbor, London

San Francisco Exports

Clearance Dates

Antigua, September 3; Axel Johnson, September 5; Capt A F Lucas, September 8; Christy Payne, September 2; Emma Alexander, September 2; G S Walden, September 10; Genota, September 8; Golden Cloud, September 6; Hawaiian Standard, September 8; Hidalgo, September 4; Hindanger, September 4; Pegasus, September 4; Portland, September 5; President Hoover, September 4; Rosebank, September 8; San Diego, September 4; San Pedro, September 8; Santa Elena, September 4; Sydic, September 4

ACID, BORIC—50 sks, Sydic, Australia
FATTY—(Santa Elena) 20 sks, San Jose de Guatemala; 200 sks, Puerto Colombia
TARTARIC — 10 kegs, President Hoover, Manila
AMMONIA—3 cs, President Hoover, Manila
ANHYDROUS—30 cyls, President Hoover, Manila
SULPHATE—20 sks, Hidalgo, Topolobampo
APRICOT KERNELS—(Axel Johnson) 10 sks, Helsingfors; 10 sks, Malmo; 50 sks, Portland, Hamburg; (Hindanger) 120 sks, England; 150 sks, Holland; 10 sks, Belgium; 10 sks, France
ASPHALT — (President Hoover) 513 dms, Shanghai; 300 bbls, Kobe
EMULSIFIED—10 dms, President Hoover, Shanghai
GRITS—56 sks, Sydic, Australia; 64 sks, San Diego, France
BAKING POWDER—(Santa Elena) 5 cs, Puerto Colombia; 20 cs, La Libertad; 10 cs, President Hoover, Shanghai
BARIUM PEROXIDE—7 dms, Golden Cloud, Australia
BENZOLENE—15 dms, Sydic, Australia
BLACK, CARBON—14 cs, Sydic, Australia; 5 cs, Golden Cloud, New Zealand
BLUE, LAUNDRY—6 cs, President Hoover, Manila
ULTRAMARINE—10 bbls, President Hoover, Manila
BONE ASH—15 bbls, Rosebank, Vancouver
BORAX—517 sks, Sydic, Australia; 6 cs, President Hoover, Manila
BUTYL PROPIONATE—6 dms, Rosebank, Victoria
CARBON BISULPHIDE—(Hidalgo) 10 dms, Manzanillo; 25 dms, Mazatlan
CEMENT, LINOLEUM—6 cs, 10 pls, President Hoover, Manila
CHARCOAL—1 cs, President Hoover, Manila
CHLORAL HYDRATE — 14 kegs, Sydic, Australia
CHLORINE BLEACH, LIQ—1 cs, Santa Elena, Guatemala City; 6 cs, President Hoover, Manila
CINNAMON—3 bls, Antigua, Colon; (Santa Elena) 23 bls, La Libertad; 2 bls, San Jose de Guatemala
CLEANSER, HOUSEHOLD—(Santa Elena) 1 cs, Guatemala City; 23 cs, Manila
CLOVES—11 sks, Santa Elena, San Jose de Guatemala

COALTAR—(Santa Elena) 3 dms, Mazatlan; 2 dms, 6 cs, San Jose de Guatemala
INTERMEDIATES—8 dms, President Hoover, Yokohama
COLOR, DRY—4 cs, 1 dm, Antigua, Panama
COPRA—5,616 sks, 1,434,593 lbs, Hidalgo, Manzanillo
CREAM TARTAR—1 cs, 20 kegs, President Hoover, Manila
DEODORANT—9 cs, Santa Elena, San Jose de Guatemala
DISINFECTANT, LIQ—50 cs, Rosebank, Vancouver
POWDERED—1 cs, Rosebank, Vancouver
DRESSING, LEATHER—(President Hoover) 4 cs, Manila; 22 cs, Tientsin
DYE INTERMEDIATE—4 dms, President Hoover, Kobe
EGG YOLK, DRIED—10 bbls, Santa Elena, Valparaiso
FIRE EXTINGUISHER CHARGES—6 cs, Hidalgo, Guaymas
GASOLINE—(Christy Payne) 12,827 bbls, Balboa; 6,643 bbls, Cristobal; (Pegasus) 94,446 bbls, Sydney-Melbourne; 6,055 bbls, Suva; 25 cs, Hidalgo, Ciudad; 94,970 bbls, Genoa, Lands End; 106,491 bbls, G W Walden, Itesaki-Tsurumi
AVIATION—2,088 bbls, Pegasus, Sydney-Melbourne
ETHYL—4,167 bbls, Christy Payne, Balboa
GINGER ROOT—20 sks, Golden Cloud, New Zealand
GINSENG—4 bbls, President Hoover, Hongkong
GLASS, BROKEN—52,000 lbs, President Hoover, Hongkong
GLYCERIN—40 cs, President Hoover, Manila
GREASE, LUBRIC—5 pls, Santa Elena, Mazatlan; 274 dms, Sydic, Australia; 50 dms, President Hoover, Yokohama; (Hidalgo) 15 dms, 80 pls, Topolobampo; 175 pls, 2 cs, Guaymas; 5 pls, Golden Cloud, New Zealand; ½ dm, 14 cs, Rosebank, Vancouver
HOPS—(President Hoover) 15 cs, Shanghai; 5 cs, Manila
HYDROGEN PEROXIDE—10 cs, Rosebank, Vancouver
INFUSORIAL EARTH—672 sks, Sydic, Australia
INK—1 cs, President Hoover, Manila
MARKING—2 cs, President Hoover, Manila
PRINTING—(President Hoover) 10 dms, 16 pls, 7 cs, Shanghai; 30 bbls, Hongkong
WRITING—8 cs, President Hoover, Yokohama
INSECTICIDE—2 cs, Santa Elena, La Libertad; 11 cs, President Hoover, Manila
KELP MEAL—60 sks, President Hoover, Hongkong
KEROSENE—(Christy Payne) 4,762 bbls, Balboa; 3,286 bbls, Cristobal; 100 dms, Sydic, Australia
LACQUER—(Santa Elena) 1 cs, La Libertad; 9 cs, Panama; 15 cs, President Hoover, Shanghai
LITHOGRAPH—1 cs, President Hoover, Tientsin
THINNER—(Santa Elena) 1 dm, La Libertad; 15 pls, Panama
LARD—150 tins, Antigua, Puerto Armuelles
SUBSTITUTE—10 cs, President Hoover, Shanghai; (Antigua) 150 tins, Cristobal; 100 tins, Colon
LEAD, RED—2 cs, Santa Elena, San Jose de Guatemala; (President Hoover) 5 dms, Shanghai; 600 kgs, Manila
RED, DRY—2 cs, Santa Elena, San Jose de Guatemala; 200 kgs, President Hoover, Manila
WHITE—5 kgs, 2 cs, Santa Elena, San Jose de Guatemala; 1,200 kgs, President Hoover, Manila
LITHARGE—11 dms, President Hoover, Manila
LYE—1 cs, Santa Elena, Puerto Colombia
MAGNESIA, CARBONATE—10 sks, Rosebank, Victoria
MEDICINAL PREPS—(President Hoover) 11 cs, Dairen; 9 cs, Hongkong; 74 cs, Manila
MILK POWDER—(President Hoover) 40 cs, Hongkong; 70 cs, Shanghai
MINERAL SPTS—400 cs, 1,615 dms, Sydic, Australia
NAPHTHA—10 dms, Sydic, Australia
NAPHTHALENE BALL—1 cs, President Hoover, Manila
NUTMEGS—1 bg, Santa Elena, San Jose de Guatemala
OAK EXTRACT—40 sks, Rosebank, Vancouver
OCHER—166 bbls, President Hoover, Kobe
OIL, BATCHING, PALE—3,100 bbls, Pegasus, Sydney-Melbourne
CHINAWOOD—10 dms, Hidalgo, Manzanillo
COCONUT—15 dms, Santa Elena, San Jose de Guatemala
COTTONSEED—50 cs, President Hoover, Manila
DIESEL—1,600 bbls, Hawaiian Standard, Topolobampo; 10,000 bbls, Capt A F Lucas, Guaymas; 35,036 bbls, San Pedro, Japan
FISH, HARD—274 sks, Hidalgo, Manzanillo
FUEL—3,800 bbls, Hawaiian Standard, Topolobampo; 19,856 bbls, San Pedro, Japan
LINSEED—4 dms, Santa Elena, Havana
LUBRICATING—2 dms, 50 cs, Santa Elena, Mazatlan; 1 cs, San Jose de Guatemala; 1,856 dms, 105 cs, Sydic, Australia; 4,770 bbls, Pegasus Sydney-Melbourne; 47 bbls, Hindanger, France; (President Hoover) 200 dms, Yokohama; 200 dms, Moji; 100 cs, Kobe; 61 dms, Hongkong; 60 dms, Shanghai; (Hidalgo) 5 dms, 60 cs, Topolobampo; 141 dms, 10 pls, 55 cs, Guaymas
PALM—1 dm, Santa Elena, La Libertad
PETROLEUM—75 dms, Sydic, Australia
SALAD—(President Hoover) 34 cs, Iloilo; 105 cs, Manila; 37 cs, Hongkong; 15 cs, Shanghai
TRANSFORMER—5 cs, President Hoover, Hongkong
ORANGE PEEL—1 pkg, President Hoover, Manila
PAINT—12 cs, Santa Elena, La Libertad; (President Hoover) 5 cs, 22 pls, Shanghai; 20 kgs, 49 cs, 60 pls, 2 dms, Manila; (Hidalgo) 14 pls, Manzanillo; 4 kgs, 1 cs, Topolobampo
ENAMEL—(Santa Elena) 4 cs, Ancon; 2 cs, Panama; 11 pls, Hidalgo, Manzanillo
PASTE—1 cs, Santa Elena, La Libertad; 20 kgs, President Hoover, Manila
PREPARED—(President Hoover) 2 cs, Shanghai; 42 cs, Manila
THINNER—10 pls, President Hoover, Shanghai; (Santa Elena) 1 dm, La Libertad; 2 pls, Ancon
PAPRIKA—10 sks, Rosebank, Vancouver
PASTE, ADHES—1 bbl, President Hoover, Manila
PECTIN, FRUIT—1 cs, President Hoover, Manila
PENTASOL AMYL XANTHATE—10 dms, Portland, Stockholm
PEPPER—2 sks, Santa Elena, San Jose de Guatemala
PETROLATUM—5 pls, Santa Elena, Mazatlan
PETROLEUM—75 dms, Sydic, Australia
CRUDE—19,000 bbls, San Pedro, Japan
PINETAR—4 cs, Santa Elena, San Jose de Guatemala
POLISH, FURNITURE—(President Hoover) 1 cs, Yokohama; 5 cs, Manila
METAL—1 cs, President Hoover, Yokohama
SHOE—5 cs, President Hoover, Manila
SILVER—(President Hoover) 1 cs, Yokohama; 8 cs, Manila
POTASH AMYL XANTHATE—2 dms, Axel Johnson, London
ETHYL XANTHATE—179 dms, Sydic, Australia; 9 dms, San Diego, France; (Portland) 40 dms, Stockholm; 20 dms, Portland, Abo
PRIMER, LITHOGRAPHIC—1 cs, President Hoover, Tientsin
MINERAL—200 sks, President Hoover, Manila
PUTTY—2 cs, 2 kegs, Santa Elena, San Jose de Guatemala; 3 cs, President Hoover, Manila
SAGO—4 sks, Santa Elena, Mazatlan
SALT—(President Hoover) 281 sks, 18 cs, Manila; 10 sks, Hongkong; (Rosebank) 1,011 tons and 22,480 sks, Chemaninus; 8,382 sks, Barclay Sound; 800 cs, Golden Cloud, New Zealand
IODIZED—600 cs, Golden Cloud, New Zealand
SARSAPARILLA EXTRACT—1 bbl, Golden Cloud, New Zealand
SEALING COMP—25 dms, President Hoover, Yokohama
SHELLAC—4 cs, President Hoover, Shanghai
DRY—2 sks, Santa Elena, La Libertad
SOAP, FLAKES—4 cs, President Hoover, Manila
LAUNDRY—4 cs, President Hoover, Manila
POWDER—(President Hoover) 5 cs, Shanghai; 5 cs, President Hoover, Yokohama; 2 cs, Manila
TOILET—(President Hoover) 3 cs, Yokohama; 627 cs, President Hoover, Manila
SODA—12 cs, President Hoover, Bangkok
ASH—6 bbls, President Hoover, Manila
BICARBONATE—(President Hoover) 2 cs, Shanghai; 8 cs, Manila
CAUSTIC—(Santa Elena) 5 dms, La Libertad; 10 dms, San Jose de Guatemala
SILICATE—(President Hoover) 31 dms, Manila; 267 dms, Shanghai; 534 dms, Manila
SOLVENT—3 cs, Santa Elena, San Jose de Guatemala; 326 dms, Sydic, Australia; (San Diego) 2 dms, France; 12 dms, Belgium
BATHROOM—1 cs, Santa Elena, San Jose de Guatemala; 2 cs, President Hoover, Yokohama
DRAIN PIPE—2 cs, Santa Elena, Guatemala City
STAIN REMOVER—1 cs, Santa Elena, Mazatlan
STARCH, CORN—5 cs, President Hoover, Yokohama
LAUNDRY—5 cs, President Hoover, Yokohama
SULPHUR DIOXIDE—1 cyl, President Hoover, Kobe
GROUND—220 sks, Hidalgo, Mazatlan
FLOWERS—112 sks, Sydic, Australia
REFINED—25 bbls, Sydic, Australia
TALLOW—(Santa Elena) 212 dms, Havana; 65 dms, San Jose de Guatemala
TANBARK—20 sks, Rosebank, Vancouver
TANSUL—1 cs, Santa Elena, Mazatlan
TAPIOCA—(Santa Elena) 1 bag, La Libertad; 1 bag, Guatemala City; 2 sks, San Jose de Guatemala
TOILET PREPS—(President Hoover) 11 cs, Osaka; 11 cs, Shanghai; 1 cs, Hongkong; 58 pkgs, Manila; 8 cs, Golden Cloud, New Zealand
TOLUOL—10 dms, Rosebank, Victoria
TURPENTINE—4 dms, Santa Elena, Paita; 19 cs, President Hoover, Manila
SUBSTITUTE—4,172 bbls, Pegasus, Sydney-Melbourne
VANILLA BEANS—3 cs, Hidalgo, Mexico City
EXTRACT—(President Hoover) 4 pkgs, Manila; 2 cs, Shanghai
VARNISH—(Santa Elena) 2 cs, San Jose de Guatemala; 1 cs, La Libertad; (President Hoover) 20 cs, Yokohama; 6 cs, Manila; 2 dms, Hidalgo, Manzanillo
REMOVER—10 cs, President Hoover, Shanghai
WASHING COMP—1 cs, President Hoover, Manila
WATER, MINERAL—26 cs, Hidalgo, Topolobampo
WAX, FLOOR—1 cs, Santa Elena, San Jose de Guatemala; (President Hoover) 2 cs, Hongkong; 5 cs, Yokohama
YEAST—1 cs, Antigua, Puerto Armuelles; (President Hoover) 19 pkgs, Shanghai; 2 cs, Manila; 100 cs, Yokohama; 140 cs, Kobe
ZINC DUST—2 pls, Emma Alexander, Victoria; 50 cs, Santa Elena, Salaverry; 5 dms, Rosebank, Vancouver
SULPHATE—1 bbl, Rosebank, Vancouver

Savannah Exports

Clearance Dates

Albuera, September 21; Gertrude Maersk, September 16

DIPENTINE—2 dms, Gertrude Maersk, Shanghai
OIL, PINE—(Gertrude Maersk) 20 dms, Yokohama; 105 dms, Kobe
ROSIN, GUM—(Gertrude Maersk) 1,135 bbls, Yokohama; 350 dms, Kobe; 50 bbls, Shanghai
TURPENTINE, GUM—(Gertrude Maersk) 20 dms, 150 cs, Yokohama; 30 cs, Manila
WOOD—(Gertrude Maersk) 20 dms, Yokohama; 20 dms, Kobe; 340 dms, 16 cs, Manila

Tampa Exports

Clearance Dates

Hagen, September 18; Lucia C, September 21; Posoidonia, September 19; Rockpool, September 19; Syros, September 13; Tabor, September 19

PHOSPHATE—3,908 tons, Hagen, Hamburg; 8,168 tons, Rockpool, Garston; 5,483 tons, Posoidonia, Galatz; 2,201 tons, Tabor, Oslo; 2,150 tons, Lucia C, Trieste; 3,185 tons, Syros, Stettin

Coastwise Shipments

Corpus Christi Coast Trade

OIL, FUEL—2,701 bbls, Cities Service Koolmotor, New York
1,086 bbls, Henry M Dawes, Carteret
GAS—48,505 bbls, Elizabeth Kellogg, Norfolk; 48,505 bbls, Henry M Dawes, Norfolk
PETROLEUM, CRUDE—72,231 bbls, Dungannon, Port Arthur; 73,041 bbls, Larry Doheny, New York; 60,735 bbls, Benjamin Brewster, Baytown; 106,813 bbls, Beacon, Baytown; 76,173 bbls, Atlantic Sun, Baytown; 109,748 bbls, J A Moffett Jr, Baytown; 115,201 bbls, Chilbar, Texas City; 69,047 bbls, Cities Service Koolmotor, New York; 50,316 bbls, Henry M Dawes, Carteret; 145,925 bbls, G Harrison Smith, Baytown; 103,940 bbls, Vistula, Baytown; 30,186 bbls, Federal, Houston; 71,137 bbls, Thomas H Wheeler, Baytown; 74,309 bbls, Nevada, Port Arthur; 99,659 bbls, Therme, Texas City; 87,672 bbls, W H Libby, Baytown; 79,277 bbls, Malay, Baytown; 107,429 bbls, E T Bedford, Baytown

Los Angeles Coast Trade

GASOLINE—5,500 bbls, S & C No 2, San Diego; 7,248 bbls, Emidio, Seattle; 10,768 bbls, Tejon, Portland; 68,249 bbls, Mojave, Seattle; 71,000 bbls, Lebec, Seattle; 5,305 bbls, S & C No 2, San Diego; 55,567 bbls, Arizona, San Francisco
KEROSENE—79,000 bbls, Dilworth, Sewaren
OIL, DIESEL—8,327 bbls, Torres, San Francisco; 2,522 bbls, Tejon, Portland; 7,032 bbls, Mojave, Seattle; 3,500 bbls, Lebec, Seattle
FUEL—64,967 bbls, La Brea, Seattle; 41,566 bbls, Torres, San Francisco; 54,337 bbls, Brazos, San Diego, 61,799 bbls, Emidio, Seattle; 49,784 bbls, Neches, San Diego; 56,348 bbls, Tejon, Portland; 7,671 bbls, Mojave, Seattle; 8,000 bbls, Lebec, Seattle; 12,527 bbls, El Cedro, Seattle

New Orleans Coast Trade

SULPHUR, CRUDE—6,300 tons, American Eagle, Los Angeles

San Francisco Coast Trade

ALUMINA SULPHATE—1,000 sks, Point San Pedro, Port Townsend
ANTI-FREEZE COMP—800 cs, West Planter, Portland, Ore
APRICOT KERNELS—16 tons, Hawaiian, New York
BONE MEAL—1,000 sks, West Planter, Portland, Ore
600 sks, Everett, Seattle
BRISTLES—55 cs, Golden Mountain, Baltimore
65 cs, San Bernardino, Baltimore
CAMPHOR, REF'D—100 cs, Jacob Luckenbach, New Orleans
CASEIN—23 tons, Minnesotan, Philadelphia
CASSIA—450 bls, Jacob Luckenbach, New Orleans
CHLORINE BLEACH, LIQUID—6,000 cs, Hawaiian, Philadelphia
5,917 cs, Golden Mountain, Baltimore
1,500 cs, Golden Mountain, Bridgeport
25,300 cs, Point Palmas, New Orleans
950 cs, Point Palmas, Mobile
775 cs, Point Palmas, Beaumont
111 tons, San Bernardino, Baltimore
632 tons, Jacob Luckenbach, New Orleans
45 tons, Jacob Luckenbach, Houston
6,500 cs, Minnesotan, Philadelphia
5,500 cs, Minnesotan, New York
2,950 cs, Montanan, Charleston
2,200 cs, Montanan, New York
COCONUT, DESIC—21 tons, San Bernardino, Norfolk
580 cs, Jacob Luckenbach, New Orleans
542 cs, Jacob Luckenbach, Houston
100 cs, Jacob Luckenbach, Mobile
562 cs, Montanan, New York
CRACKLINGS—500 sks, Brookings, Portland, Ore
CREAM TARTAR—15 tons, Hawaiian, Boston
15 hlf bbls, Point Palmas, New Orleans
DENTIFRICE, POWD—14 tons, Minnesotan, New York
DRESSING, AUTO TOP—60 cs, Nevadan, Portland, Ore
ETHYLENE DIBROMIDE—36 tons, Minnesotan, Philadelphia
FISH MEAL—850 sks, West Planter, Portland, Ore
1,200 sks, Brookings, Portland, Ore
GASOLINE—1,300 bbls, Hawaiian Standard, San Diego
ETHYL—2,000 bbls, Hawaiian Standard, San Diego
HONEY—15 tons, Hawaiian, New York
40 tons, Minnesotan, New York
LACQUER—1 cs, Nevadan, Portland, Ore
LARD, VEGETABLE—2,021 cs, Jacob Luckenbach, New Orleans
LEAD, ANTIMONIAL—70 tons, Hawaiian, New York
LIME—1,000 sks, Point San Pedro, Seattle
MAGNESITE—50 tons, San Bernardino, Baltimore
253 tons, Minnesotan, Philadelphia
MATCHES, SAFETY—50 cs, Jacob Luckenbach, New Orleans
MEDICINAL PREPS, VETERINARY—6 cs, Nevadan, Portland, Ore
MILK POWDER—20 tons, San Bernardino, Baltimore
16 tons, Minnesotan, Philadelphia
20 tons, Montanan, New York
SUGAR—26 tons, Montanan, Philadelphia
MUSTARD SEED—448 sks, San Bernardino, New York
OIL—500 pkgs, West Planter, Portland, Ore
10 cs, Nevadan, Portland, Ore
EUCALYPTUS—1 dm, Everett, Seattle
LUBRICATING—21 tons, Hawaiian, Port Newark
PAINT—2 dms, Nevadan, Portland, Ore
COMPOUND—11 tons, San Bernardino
PARAFFIN—135 sks, Everett, Seattle
POTASH—12 tons, Minnesotan, Philadelphia
SALT—6,500 pkgs, West Planter, Portland, Ore
1,200 pkgs, Point San Pedro, Seattle
4,800 pkgs, Brookings, Portland, Ore
150 tons, Admiral Laws, Seattle
SOAP—500 pkgs, Point San Pedro, Seattle
600 cs, Brookings, Portland, Ore
SODA SILICATE—200 sks, Everett, Seattle
75 dms, Point San Pedro, Tacoma
SULPHUR—600 sks, Everett, Seattle
400 sks, Everett, Tacoma
TALLOW, INEDIBLE—100 dms, Point Palmas, New Orleans
53 tons, Minnesotan, Boston
TOILET PREPS—68 pkgs, Nevadan, Portland, Ore
VARNISH—1 dm, Nevadan, Portland, Ore
WATER, MINERAL—5 cs, Nevadan, Portland, Ore

Cargo Ship Arrivals

September 26 to October 9

New York

Absaroka	Seattle*	Oct 6
Agwistar	Vera Cruz*	Oct 3
Amagisan	Singapore*	Sept 29
Amapala	La Ceiba	Oct 2
American	Portland*	Oct 7
American Merchant	London*	Oct 5
American Shipper	Liverpool*	Oct 5
American Trader	London*	Sept 29
Bergensfjord	Oslo*	Oct 8
Berlin	Bremen*	Oct 7
Black Falcon	Antwerp*	Oct 6
Black Gull	Antwerp	Sept 29
Borinquen	Trujillo*	Sept 29
Bremen	Bremen*	Oct 8
Cacique	Pisco*	Sept 30
Calamares	Santa Marta*	Oct 7
Camamu	Pernambuco	Sept 28
Canadian Conqueror	Wellington*	Oct 9
Capillo	Buenos Aires*	Oct 4
Carabobo	Curacao*	Oct 1
Chinese Prince	Batavia*	Oct 3
Chr Knudson	Vancouver	Oct 5
City of Flint	Liverpool*	Oct 3
City of Kimberley	Singapore*	Oct 1
Coamo	Trujillo*	Oct 5
Collingsworth	Buenos Aires*	Oct 5
Conte di Savoia	Genoa*	Oct 8
Cottica	Curacao*	Sept 28
Cristobal	Cristobal*	Sept 28
Culberson	Buenos Aires*	Sept 30
Edwin Christensen	Seattle*	Oct 2
Exchange	Genoa*	Oct 2
Exeter	Beirut*	Sept 30
Express	Salonica*	Oct 6
Forthbank	Calcutta*	Sept 30
Fort Amherst	St Pierre*	Oct 8
Fort Townshend	St Pierre*	Oct 1
Fredhem	Ilheos	Oct 7
Gerolstein	Antwerp	Oct 8
Gitano	Hull	Oct 4
Haiti	Cristobal*	Sept 28
Hammaren	Gothenburg*	Oct 1
Henri Jaspar	Antwerp	Oct 5
Hoegh Carrier	Yokohama*	Oct 8
Horace Luckenbach	Los Angeles*	Oct 4
Idefjord	Sundsvall	Oct 4
Ile de France	Havre*	Oct 6
Independence Hall	Havre	Oct 9
Ingria	Marseilles	Oct 3
K I Luckenbach	Astoria*	Oct 5
Kamnitz	Hamburg*	Oct 1
Kungsholm	Gothenburg	Oct 5
Lillian Luckenbach	Seattle*	Oct 8
Livenza	Genoa*	Oct 6
Manuela	San Juan	Oct 5
Marion Otis Chandler	Honolulu*	Oct 5
Martinique	Aux Cayes*	Oct 1
Medea	Maracaibo*	Oct 5
Minnesotan	Portland*	Sept 30
Montanan	Seattle*	Oct 4
Munargo	Havana*	Oct 1
Musa	Puerto Barrios*	Oct 1
Nankai	Philippines*	Oct 8
New York	Hamburg*	Oct 8
Nordhavet	Casablanca*	Oct 7
Norfolk	Kobe*	Sept 30
Oriente	Havana	Oct 2
Orizaba	Vera Cruz*	Oct 6
Palembang	Batavia*	Oct 6
Pan America	Buenos Aires*	Oct 7
Pastores	Cristobal*	Oct 5
Pennsylvania	San Francisco*	Sept 28
Platano	Puerto Barrios*	Oct 8
Polycarp	Para	Oct 1
Pomona	Seattle*	Oct 8
Ponce	San Juan	Oct 6
President Cleveland	Manila*	Oct 5
President Harding	Hamburg*	Oct 9
President Wilson	Manila*	Oct 6
Primo	Trinidad	Oct 2
Punta	Valparaiso	Oct 7
Queen Mary	Southampton*	Oct 5
Quirigua	Port Limon*	Oct 4
Rhodesian	Antwerp*	Sept 28
Robert Luckenbach	Tacoma*	Sept 29
Robin Gray	Rio de Janeiro*	Oct 6
Rosario	San Juan	Sept 28
San Bernardino	Astoria*	Oct 8
San Juan	San Juan	Sept 29
San Simeon	Seattle*	Oct 5
Santa Lucia	San Antonio*	Oct 6
Santa Maria	San Antonio*	Sept 29
Santa Paula	San Francisco*	Oct 6
Santarem	Paranagua*	Sept 28
Sarcoxie	Dunkirk*	Sept 30
Scanyork	Gdynia*	Sept 30
Scythia	Liverpool*	Oct 5
Seatrain Havana	New Orleans*	Sept 29
Seatrain New York	New Orleans*	Oct 6
Silvereim	Marmagoa*	Oct 4
Steel Ranger	Honolulu*	Sept 30
Steel Traveler	Honolulu*	Oct 4
Svaneholm	Vilpuri*	Oct 7
Tachira	Curacao*	Oct 8
Tacoma	Buenos Aires*	Oct 4
Tai Yin	Yokohama*	Oct 3
Tanimbar	Batavia*	Sept 28
Tennessee	Copenhagen	Oct 9
Texmar	Astoria*	Oct 2
Timber	Seattle*	Sept 28
Ulua	Santa Marta*	Sept 30
Volendam	Rotterdam*	Oct 5
West Irmo	Lagos*	Oct 9
Western Prince	Buenos Aires*	Sept 30
Yucatan	Vera Cruz*	Sept 30

* And other ports

Recent Charters

CREOSOTE——tons, S S Gylfe, east coast United Kingdom and/or Continent to Pacific Coast, lump sum, £4,000; end September
PETROLEUM—8,500 tons, S S Senator, clean, Aruba to Montreal, 10s; September
10,500 tons, S S Morgenen, dirty, Gulf to France, 9s 6d; September
7,000 tons, S S Sliedrecht, clean, Philadelphia to Antwerp, 10s; October
14,000 tons, S S G C Brovig, dirty, Gulf to France, 9s 6d; September
11,500 tons, S S Adellen, dirty, Tampico to North of Hatteras, 17c; October
8,300 tons, S S Athel, dirty, Gulf to South Africa, 14s 6d; September
7,500 tons, S S Vimeira or subst, clean, Constanza - Avonmouth and Thames, 10s 1½d; October
8,000 tons, S S Lincoln Ellsworth, gas oil, Constanza-Continent, 7s 6d; October
3,500 tons, S S Abo, clean, Constanza-Antwerp, 11s; September
1,000 tons, S S Athene, clean, Constanza-Antwerp, 11s; September
13,200 tons, S S Loosdrecht, clean, California, Japan, 11s 6d; New Zealand, 14s; Australia, 14s 6d, two consecutive voyages, commencing October
3,000 tons, S S Beaumont, clean, Constanza-Antwerp, 11s; September
1,400 tons, S S Skaraas, clean, California, New Zealand, 15s 3d; November

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administrations that products offered for import were adulterated or misbranded under the Federal food and drugs act or did not comply with other customs regulations included the following articles for the reasons stated:—

New York

Week Ended September 30

Anise seed, 92 bags; filthy.

Chlorophyl, technical, 3 cases; restricted use.

Codoil, industrial, 600 barrels, restricted use.

Cumin seed, 72 bags; filthy.

Dill seed, 174 bags; filthy.

Eucalyptus oil, 22 drums; not U.S.P.

Medicinal preparations, 4 cases; false therapeutic claims.

Nutmegs, technical, 73 bags; restricted use.

Sandalwood oil, 5 cases; false therapeutic claims.

(Continued on page 64)

Industrial Uses of Chemicals and Related Materials

(Formerly styled "Where You Can Sell")

Producers' Guide to New Markets Technical Information for Processors

Fully protected by copyright

Five-hundred-ninth Recapitulative Instalment

(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

1-Amino-4-chloroanthraquinone-2-methanesulphonic Acid

Dye

Starting point (Brit. 440208) in making—
Acid wool dyes by condensation with organic bases having at least one hydrogen atom attached to the nitrogen atom

1-Amino-6-methylbenzothiazole

Dye

Starting point (Brit. 440112 and 440113) in making—
Yellow-red dyes for acetate rayon by coupling with beta-b'-dihydroxydiethylanilin

Aminophenyl Thiocyanate

Lubricant

Starting point (Brit. 440175) in making—
Addition agents for high-pressure lubricating oils or greases by mixing and reacting with organometallic compounds

Antimony Dinaphthylnaphthenate

Lubricant

Addition agent (Brit. 433257) to—
Lubricating oils or greases, especially for use at high temperatures, such as cylinder oils, hydrogenated oils, or oils refined by treatment with sulphuric acid, clay, or extraction solvents

Betahydroxytriphenylene

Dye

Starting point (Brit. 445862) in making—
Brown dyes by coupling, either in substance or on the fiber, with aromatic diazo compounds

Ozokerite

(Additional uses—supplementary to list printed in the OIL, PAINT AND DRUG REPORTER *for February 2, 1931, page 34)*

Building and Construction

Ingredient (U.S. 1906276) of—
Emulsions used as waterproofing agents by dispersion in cement mixes

Chemical

Ingredient (Brit. 404504) of—
Solution used in obtaining polymerized products of acrylic acid, its esters, salts, or homologs (polymerides are insoluble in the wax)
Purifying agent (Brit. 398136) in making—
Aromatic alcohols, such as phenylethyl alcohols and their homologs, by the action of alkylene oxides on aromatic hydrocarbons

Electrical

Filler for—
Cable junctions
Instrument transformers
Terminal boxes
Sealing agent (Brit. 402967) for—
Electrolytic cells, such as condensers, to prevent the escape of liquid from exhaust ports provided for the escape of gases under pressure

Miscellaneous

Ingredient (Brit. 402777) of—
Phosphorescent compounds made from dehydrated quinine sulphate, zinc sulphide, thorium phenolsulphonate or oleate, glycerin, and zinc or antimony powder (such mixtures are electrically conducting)

Paint and Varnish

Absorbent in—
Paint and varnish removers
Ingredient of—
Antifouling paints
Lacquers for flexible materials, based on a soluble polymerized vinyl compound, a plasticizer, and a solvent (Brit. 389914)

Paper

Ingredient of—
Coating compositions for regenerated cellulose products (Brit. 414911)
Coating composition used in making a washable and greaseproof wallpaper, and containing also a cellulose derivative, such as nitrocellulose, cellulose acetate, ethylcellulose, or benzylcellulose, and solvents, plasticizers, and natural or synthetic resins (Brit. 394974)
Moistureproof, transparent lacquer for coating wrapping paper, containing also a plasticizer, nitrocellulose, or other cellulose derivative, and suitable solvents, but no castor oil, gum, or resin (Brit. 412687)
Sizing emulsions for paper (Brit. 395155 and 404386)

Plastics

Ingredient (Brit. 416412) of—
Molding composition containing also a solution of a cellulose derivative and a polyvinyl resin together with cork, leather dust, or wood pulp, a plasticizer, and other synthetic resins

Soap

Ingredient (Brit. 407039) of—
Antiseptic washing and cleansing agents prepared by incorporating water-soluble mercury, silver, or gold salts, which dissociate into metal ions, with aliphatic compounds having strong wetting and washing power, containing at least eight carbon atoms, having an acidsulphuric or phosphoric ester group or sulphonic acid group in an end position and forming water-soluble salts with said metals

Textile

Ingredient of—
Impregnating or coating agents for fabrics, containing also a solution of a cellulose derivative and a polyvinyl resin, a plasticizer, and other synthetic resins (Brit. 416412)
Waterproofing composition for textile fabrics, consisting of emulsion with a dispersion agent, or organic amine, pine oil, oleic acid, a synthetic wax, aluminum acetate, and sodium silicate (Brit. 401282)

Paraldehyde

(Para-aldehyde)

Chemical

Substitute for—
Acetaldehyde (on account of its high boiling point and ease in handling)
Solvent for—
Certain natural gums
Fats
Rosin
Waxes
Starting point in—
Organic synthesis

Dye

Starting point in making—
Quinaldin dyes

Fats, Oils, and Waxes

Solvent for—
Fats
Waxes

Glue and Adhesives

Solvent for—
Some natural gums

Leather

Degreasing agent for—
Hides and skins
Plumping agent for—
Skins

Miscellaneous

Solvent for—
Varnishes, fats, gums, resins, rosin, and waxes in processes in the manufacture of inks, paper, engravings and lithographings, textiles, waterproofings, cosmetics, insulations, matches, polishes, and dressings, coatings, linoleum and oilcloth, crayons, sealing compounds, lubricants, photographic products, plastics, printing, soap and other products

Perfume

Raw material in making—
Synthetic perfumes

Paint and Varnish

Solvent for—
Gums
Resins
Rosin
Varnishes
Waxes

Pharmaceutical

Suggested for use as—
Antispasmodic
Hypnotic
Sedative

Resins

Raw material in making—
Synthetic resins
Solvent for—
Resins

Rubber

Raw material for making—
Accelerators of vulcanization

Phenyllauryl-Zinc Telluride

Lubricant

Addition agent (Brit. 440175) for—
Lubricating oils or greases used in high-pressure working conditions

Purple of Cassius

(Gold-Tin Precipitate, Gold-Tin Purple)

Ceramics

Coloring agent for—
Porcelain and chinaware
Ingredient of—
Enamels

Glass

As a coloring agent

Ink

As a pigment

Paint and Varnish

As a pigment

Tetrahydrofurfuryl Butylphthalate

Ceramics

Plasticizer (U.S. 1989701) in—
Compositions, containing cellulose derivatives, used as coatings for protecting and decorating ceramic products

Chemical

Plasticizer (U.S. 1989701) for—
Cellulose derivatives

Cosmetic

Plasticizer (U.S. 1989701) in—
Nail enamels and lacquers containing cellulose derivatives as a base material

Electrical

Plasticizer (U.S. 1989701) in—
Insulating compositions, containing cellulose derivatives, used for covering wire or in making electrical machinery and equipment

Glass

Plasticizer (U.S. 1989701) in—
Compositions, containing cellulose derivatives, used in the manufacture of nonscatterable glass and as coatings for decorating and protecting glassware

Glue and Adhesives

Plasticizer (U.S. 1989701) in—
Adhesive compositions containing cellulose derivatives

Leather

Plasticizer (U.S. 1989701) in—
Compositions, containing cellulose derivatives, used in the manufacture of artificial leathers and as coatings for decorating and protecting leather and leather goods

Metallurgical

Plasticizer (U.S. 1989701) in—
Compositions, containing cellulose derivatives, used as coatings for protecting and decorating metallic articles

Miscellaneous

Plasticizer (U.S. 1989701) in—
Coating compositions, containing cellulose derivatives, used for protecting and decorating various articles

Paint and Varnish

Plasticizer (U.S. 1989701) in—
Paints, varnishes, lacquers, enamels, and dopes containing cellulose derivatives

Paper

Plasticizer (U.S. 1989701) in—
Compositions, containing cellulose derivatives, used in the manufacture of coated papers and as coatings for decorating and protecting products made of paper or pulp

Photographic

Plasticizer (U.S. 1989701) in making—
Films from cellulose derivatives

Plastics

Plasticizer (U.S. 1989701) in making—
Laminated fiber products
Molded products
Plastics from or containing cellulose derivatives

Resins

Plasticizer (U.S. 1989701) in making—
Artificial resins from or containing cellulose derivatives

Rubber

Plasticizer (U.S. 1989701) in—
Compositions, containing cellulose derivatives, used as coatings for protecting rubber goods

Stone

Plasticizer (U.S. 1989701) in—
Compositions, containing cellulose derivatives, used as coatings for decorating and protecting artificial and natural stone

Textile

Plasticizer (U.S. 1989701) in—
Compositions, containing cellulose derivatives, used in the manufacture of coated fabrics

Woodworking

Plasticizer (U.S. 1989701) in—
Compositions, containing cellulose derivatives, used as protective and decorative coatings on woodwork

Thallium Dinaphthylnaphthenate

Lubricant

Addition agent (Brit. 433257) to—
Lubricating oils or greases, especially for use at high temperatures, such as cylinder oils, hydrogenated oils, or oils refined by treatment with sulphuric acid, clay, or extraction solvents

Triethyl-Lead-Mercaptan

Lubricant

Addition agent (Brit. 440175) for—
Lubricating oils or greases used in high-pressure working conditions

Triphenyl-Tin Thiosulphate

Lubricant

Addition agent (Brit. 440175) for—
Lubricating oils or greases used in high-pressure working conditions

Business Opportunities

Minimum rate (36 words), without display, $2.00 per insertion; 25c for each additional 6 words

Payable in advance at 12 Gold Street, New York

Agencies Wanted

IF YOU can offer to advantage, pigments, oils and other raw materials and would be interested in Southern Ohio representation, address BOX 633, Oil, Paint and Drug Reporter.

LONDON FIRM of raw material merchants and commission agents seek contact with, or representations of American shippers, merchants or producers of raw materials, chemicals and industrial materials. BOX 674, Oil, Paint and Drug Reporter.

Capital Offered

WILL PROVIDE necessary capital for sales expansion of growing industrial chemical enterprise or drug specialty. Details, please. BOX 687, Oil, Paint and Drug Reporter.

Equipment Offered

FROM THE $10,000,000 Spreckels liquidation:—5 No. 4 Vallez rotary filters; 2 Shriver filter presses, 32 inches by 32 inches, cast iron; 60 40 inch bronze basket American tool centrifugal machines; 5 Oat's vacuum pans; 1 Swenson triple effect evaporator, copper tubes, 2,000 sq. ft. per effect; 1 3 feet by 10 feet Hersey hot air dryer; 500 motors 3 phase, 60 cycle, 220 volts, from 5 to 150 H.P.; thousands of tons of pipe, valves, and fittings; miscellaneous vacuum, centrifugal and steam pumps; compressors, engines; 35 Heine water tube boilers, 250 H.P. to 500 H.P., complete with Murphy automatic stokers; 3 75 K.W., D.C. generating sets; 50 bucket elevators; complete chemical library and laboratory; 250 steel storage tanks, 50 gal. to 10,000 gallons; 15 horizontal jacketed, closed mixing tanks, 5,000 to 10,000 gallons each; complete line of office furniture and equipment; lockers, belting; screw conveyors, etc. Arrange to visit plant. Send us your inquiries. Consolidated Products-Spreckels Liquidation, Yonkers, N. Y. Telephone: Yonkers 2400.

FOR SALE—Five roller mill, lead mixers, semi-paste mixers, roller mills, pony mixers, change can mixers, pebble mills, dry mixers. Day rapid sifter No. 3. We buy surplus machinery. BOX 677, Oil, Paint and Drug Reporter.

Equipment Offered

FIND WHAT you want right in New York City. Pony mixers, post mixers, Day sifter-mixers, portable mixers, revolvators, jacketed kettles, tanks, three-roller mills, dough mixers. Storms-Harvey Equipment Co., 123 Bleecker street. SPring 7-8955.

FOR SALE—De Laval centrifugal separator, No. 700, with 3-phase motor. Machine cost over $1,000.00, is practically new, and can be bought for $250.00. Dealers protected. BOX 679, Oil, Paint and Drug Reporter.

FOR SALE—One fifty (50) gallon pebble mill, practically new. Located at Newark, N. J. BOX 681, Oil, Paint and Drug Reporter.

PEBBLE MILLS rebuilt, new lining, guaranteed, jar mills, new jars; 12" roller conveyor; bag conveyor 36" x 275' centers, practically new. Edw. W. Lawler, Inc., Durham avenue and L.V.R.R., Metuchen, N. J.

Equipment Wanted

WANTED—Schutz-O'Neill No. 3 gyrator sifter. Must be in good condition. BOX 683, Oil, Paint and Drug Reporter.

WOODEN TANKS wanted, 3,000 to 10,000 gallons. Must be cheap for cash. Elizabeth 2-9519.

Factories Offered

COMPLETELY equipped paint manufacturing plant, excellent condition, practically new; roller and pebble mills, mixers, etc. Daily capacity 1,500 to 2,000 gallons. Free rent, power and light. Desire connection with reputable distributor or jobbing concern on profit sharing basis. Plant located in New Jersey, 20 minutes from New York. No cash required. BOX 656, Oil, Paint and Drug Reporter.

MODERN FACTORY, two story and basement, brick, 50x95; main floor truck level high, railroad siding, Otis elevator, windows three sides, yard space. Low sale price or lease. Unrestricted district Brooklyn. The R. L. Kraft Company, Woolworth building. Cort. 7-9377.

Factories Offered

CALCIMINE and whiting factory located on Long Island City waterfront; 72x230; for rent, including machinery; reasonable. Harry I. Stein, 551 Fifth avenue, New York.

Materials Wanted

WILL BUY any quantity surplus or by-product chemicals, greases, waxes, oils, solvents, colors, metal and all raw materials. We pay highest prices. Will also buy complete plant inventory. Write Barclay Chemical Company, Inc., 75 Varick street, New York City.

WILL BUY any quantity surplus or by-product chemicals, greases, waxes, oils, solvents, colors, metal and all raw materials. We pay highest prices. Will also buy complete plant inventory. Write Barclay Chemical Company, Inc., 75 Varick street, New York City.

Plants Wanted

PLANT WANTED with good transportation facilities, already equipped for general chemical manufacture. Should include boiler, pumps, mixers, filter presses, pulverizers, storage tanks. Give full details in first letter. BOX 678, Oil, Paint and Drug Reporter.

Positions Vacant

EXPERIENCED PAINT and varnish formulator wanted by eastern manufacturer. Must have knowledge in the formulation of industrial finishes and synthetic coatings. Write, giving full particulars, BOX 673, Oil, Paint and Drug Reporter.

WANTED—By successful industrial company, a man to take charge of development and applications of coatings for products being made and under development. Prefer graduate chemist, but applicant must have experience and knowledge of formulas and manufacture of lacquers, enamels, and coatings generally. Opportunity for advancement if applicant is aggressive and has supervising ability. Correspondence strictly confidential. BOX 682, Oil, Paint and Drug Reporter.

Positions Vacant

WANTED—An experienced paint and varnish maker to take charge of small paint and varnish factory in the South. State experience, age and salary expected. BOX 680, Oil, Paint and Drug Reporter.

Positions Wanted

RESEARCH DIRECTOR, M.S., age 45, married, broad experience. Waxes, resins, varnishes, also fibrous products and related specialties. Highest references and productive record including 50 patents. Immediately available. Salary $6,500. BOX 660, Oil, Paint and Drug Reporter.

PAINT MAKER, experienced in all branches of paint manufacturing, seeks position of responsibility; at present located in New York. BOX 661, Oil, Paint and Drug Reporter.

SALESMAN—Capable of adding to and holding established trade. Technical education. Fifteen years' selling experience in industrial raw material chemicals. Personal interview requested. Excellent references. BOX 675, Oil, Paint and Drug Reporter.

DEVELOPMENT and research chemist with selling experience, now employed, desires change. Seasoned, able man with immense experience in diversified lines. Patent record. Very highest references. Box 676, Oil, Paint and Drug Reporter.

RESEARCH and manufacturing biochemist, experienced in pharmaceutical products, ampules, ferric-polysaccharide complex for ulcers, serums and contra-pneumonia proteins. BOX 684, Oil, Paint and Drug Reporter.

ANALYTICAL and research chemist in textiles. Fourteen years' experience with nationally advertised house. BOX 685, Oil, Paint and Drug Reporter.

CHEMICAL ENGINEER who has specialized in the production of vegetable oils. BOX 686, Oil, Paint and Drug Reporter.

Surplus Stock

CHECK INVENTORIES—Cash for any quantity surplus finished or raw material —chemicals, oils, coaltar products, metals, drugs, pharmaceuticals, gums, waste and by-product. Entire plants bought. Chemical Service Corp., 101A East 19th street, New York. Stuyvesant 9-0134.

REBUILT MACHINERY SELECTED ITEMS

20—Pebble Mills, including 6—50 gal. porcelain lined, 8—200 gal. burrstone lined, with roller bearings, 1—500 gal.
1—Stokes Rotary "DD" Tablet Machine.
5—Colton, Stokes & Mulford Tablet Machines, ¼" to 2" dia.
10—175 gal. Copper and Aluminum Steam Jacketed Kettles.
2—500 gal. Aluminum Jack. Agit. Kettles.
2—36" Tolhurst Extractors, rubber lined baskets.
10—Dry Powder Mixers, 100 lbs. to 2,200 lbs. capacity.
1—Colton No. 10 worm type Paste Filler.
2—12x30 watercooled Roller Mills, one with roller bearings.
2—Day 12x32 w.c. chain drive Roller Mills.
5—Day Pony Mixers, 8, 15 and 40 gals.
2—Paste Mixers, 50 to 100 gals.
2—700 gal. Duriron Jack. Kettles, closed.
1—400 H.P. B. & W. Boiler, A.S.M.E. 200 lbs.
3—W. & P. Jack. Mixers, 100 gals., heatable sigma blades.
2—W. & P. Jack. Mixers, 200 gals., power tilting.
25—Filter Presses, 6" to 42" size.
1—J. P. Devine Double Drum Dryer, 4'x9'.

Miscellaneous: Dryers; Mixers; Fillers; Filters and Filter Presses; Kettles; Pulverizers; Mills; Grinders; Tanks; Pumps; Boilers; etc. Send for our Bulletins.

CONSOLIDATED PRODUCTS COMPANY, Inc.

15-17-19 Park Row, New York, N. Y.
Phone: Barclay 7-0600
Plant: 235 Doremus Ave., Newark, N. J.
Cable Address: Equipment

This Week's 4 STAR *Bargains in* RECONDITIONED EQUIPMENT

★ ★ ★ ★ One 40 in. x 96 in. Double Drum
★ ★ ★ ★ One 48 in. x 108 in. Single Drum

Agitators, autoclaves, columns, dryers, evaporators, filterpresses, filters, fillers, labelers, kettles, mills, mixers, pulverizers, solvent recovery, and other processing equipment.

FIRST MACHINERY CORPORATION

419 Lafayette St., N. Y. GRamercy 7-6622

AN ADVERTISEMENT

in the Oil, Paint and Drug Reporter costs less than a message on a postal card—*and it gets an incomparably better reception.* Write us for further information.

OIL, PAINT AND DRUG REPORTER
12 GOLD STREET NEW YORK, N.Y.

Imports Detained

(Continued from page 62)

Baltimore

Week Ended September 30

Medicinal preparation, 1 case; false therapeutic claims.

Buffalo

Week Ended September 30

Codliver oil, 200 drums; non-destearinated and not so labeled.

Medicinal preparation, 1 case; false therapeutic claims; chloroform derivative not declared.

Medicinal preparations, 5 cases; false therapeutic claims.

Spices, acetous extract, 2 cases, not labeled in conformity with Caustic Poison Act; dangerous to health.

Los Angeles

Week Ended September 24

Medicinal preparations, 20 pieces; false therapeutic claims.

Codliver oil, 91 drums; not U.S.P.

Philadelphia

Week Ended September 30

Codliver oil, poultry, 100 barrels; restricted use; not labeled to show variations from U.S.P. standards.

Codliver oil, 235 drums; not U.S.P.

Medicinal preparation, 1 case; false therapeutic claims.

Seattle

Week Ended September 24

Medicinal preparations, 30 pieces; false therapeutic claims.

Cumin seed, 40 bags; filthy.

Foreign Trade Openings

Correspondence in regard to any of the following foreign trade opportunities should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, or to any district or cooperative branch office of the bureau, and not to this publication. When writing, give the number of the item:—

Cosmetics:—Agency, Lima, Peru (1618).

Coconut Oil, crude and refined:—Agency, Lima, Peru (1625).

Fish Oil, crude and refined:—Agency, Lima, Peru (1625).

Peanut Oil, crude and refined:—Agency, Lima, Peru (1625).

Perfumes:—Purchase and agency, Kongolo, Belgian Congo (1640).

Soda Borate, crude:—Purchase, Osaka, Japan (1641).

Turpentine: — Purchase, Manchester, England (1617).

Whale Oil, crude and refined:—Agency, Lima, Peru (1625).

Statement of the ownership, management, circulation, etc., required by the acts of Congress of August 24, 1912, and March 3, 1933, of Oil, Paint and Drug Reporter, published weekly at New York, N. Y., for October 1, 1936.

State of New York, County of New York: Before me, a notary public in and for the State and county aforesaid, personally appeared Harry J. Schnell, who, having been duly sworn according to law, deposes and says that he is the business manager of the Oil, Paint and Drug Reporter, and that the following is, to the best of his knowledge and belief, a true statement of the ownership, management, etc., of the aforesaid publication for the date shown in the above caption, required by the act of August 24, 1912, as amended by the act of March 3, 1933, embodied in section 537, Postal Laws and Regulations, to wit:—That the names and addresses of the publisher, editor, managing editor, and business manager are:—Publisher, Oil, Paint and Drug Reporter, Inc., 12 Gold street, New York; editor, Harry J. Schnell, 12 Gold street, New York; managing editor, Hugh Craig, 12 Gold street, New York; business manager, Harry J. Schnell, 12 Gold street, New York. That the owner is Oil, Paint and Drug Publishing Co., Englewood, N. J. Stockholders holding 1 percent or more, Estate of Wm. O. Allison, deceased, Englewood, N. J.; Estate of John L. Riker, deceased, New York, N. Y. That the known bondholders, mortgagees and other security holders owning or holding 1 percent or more of total amount of bonds, mortgages or other securities are:—Not any. That the two paragraphs next above, giving the names of the owners, stockholders and security holders, if any, contain not only the list of stockholders and security holders as they appear upon the books of the company, but also in cases where the stockholder or security holder appears upon the books of the company as trustee or in any other fiduciary relation, the name of the person or corporation for whom such trustee is acting is given; also that the said two paragraphs contain statements embracing affiant's full knowledge and belief as to the circumstances and conditions under which stockholders and security holders who do not appear upon the books of the company as trustees hold stock and securities in a capacity other than that of a bona fide owner; and this affiant has no reason to believe that any other persons, association or corporation has any interest, direct or indirect, in the said stock, bonds or other securities than as so stated by him.

(Signed) Harry J. Schnell, Business Manager.

Sworn to and subscribed before me this 23rd day of September, 1936.

(Signed) Charles J. Schiffres, Notary Public. [My commission expires March 30, 1937.]

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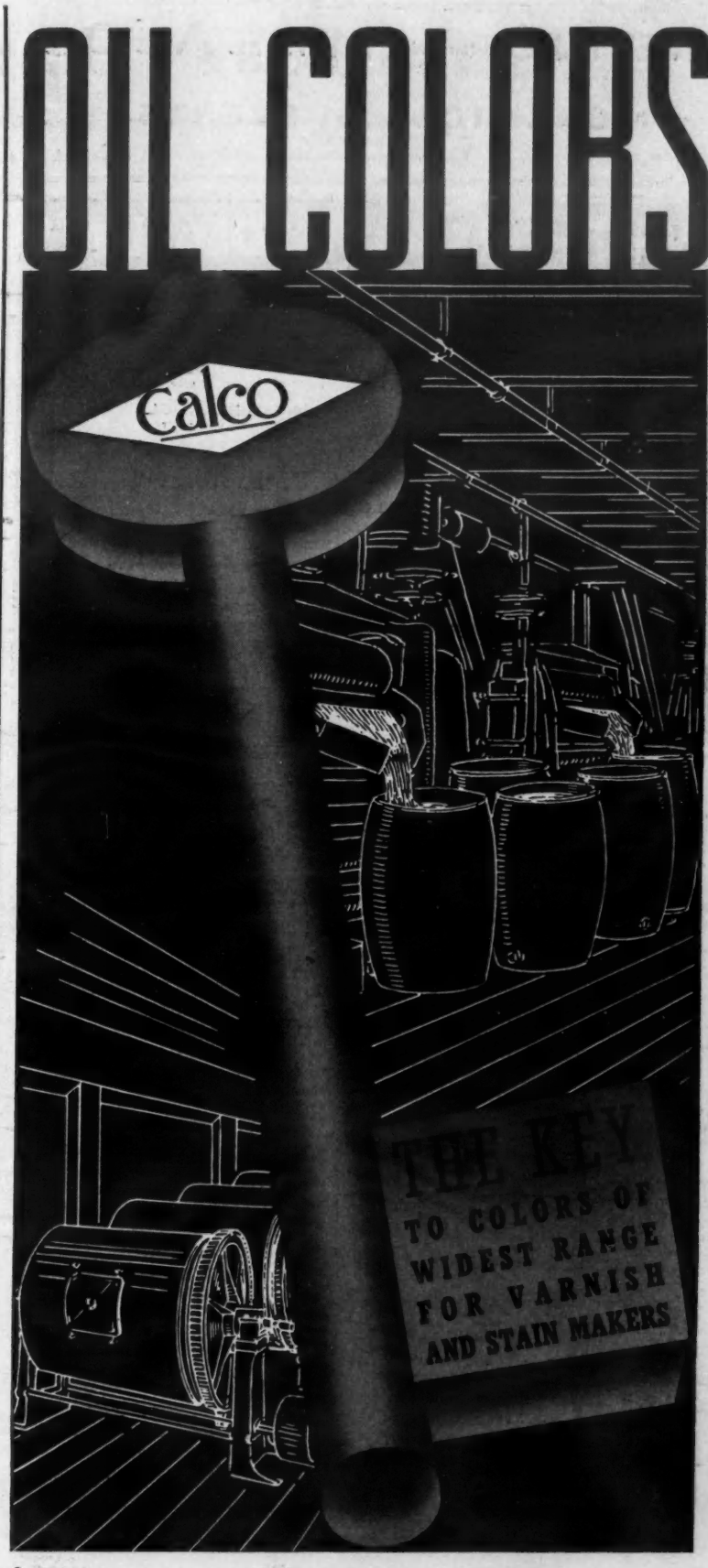

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